DOCUMENT RESUME

ED 232 526 HE 016 420

TITLE	Trends in Degrees Awarded by Maryland Public & Private Colleges & Universities, 1971-1982. Volume I. Postsecondary Education Data Reports.
INSTITUTION	Maryland State Board for Higher Education, Annapolis.
PUB DATE	Jun 83
NOTE	89p.; For related document, see HE 016 421.
AVAILABLE FROM	Maryland State Board for Higher Education, 16 Francis Street, Annapolis, MD 21401.
PUB TYPE	Statistical Data (110) -- Reports - Research/Technical (143)
EDRS PRICE	MF01/PC04 Plus Postage.
DESCRIPTORS	Associate Degrees; Bachelors Degrees; *Black Students; *Degrees (Academic); Doctoral Degrees; Educational Certificates; Females; *Majors (Students); Masters Degrees; Postsecondary Education; *Private Colleges; Professional Education; *State Colleges; State Surveys; Trend Analysis; *Womens Education
IDENTIFIERS	*Maryland

ABSTRACT

Data on degrees awarded by Maryland public and private colleges and universities for fiscal years 1971-1982 are presented. Twelve-year trends are reported by broad academic area within each degree level (lower-division certificate, associate, bachelors, masters, doctoral, first-professional). Trends in degree production by race and sex for 1976-1982 are also covered. The trend data are presented in graphs and statistical tables, as well as an introductory narrative summary. Findings include the following: the number of associate degrees increased between 1971 and 1978 but declined thereafter; 59 percent of associate degrees were awarded in career programs, including business/commerce, natural science, and public service technologies; 24 percent more bachelors degrees were awarded in 1982 than in 1971, with the peak occurring in 1978; education, foreign languages, and letters had the largest loss in the number of bachelors degrees awarded; since 1971 the number of masters degrees has risen 51 percent, with the peak occurring in 1978; since 1971 the number of doctoral degrees has increased 8 percent, and the number of degrees in health and psychology has more than doubled; and degree production in law more than doubled mainly in the 1970s. (SW)

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TRENDS IN DEGREES AWARDED
BY MARYLAND PUBLIC & PRIVATE
COLLEGES & UNIVERSITIES
1971 - 1982

- VOLUME I -

Postsecondary Education Data Reports

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MARYLAND STATE BOARD FOR HIGHER EDUCATION
16 Francis Street, Annapolis, Md. 21401
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TRENDS IN DEGREES AWARDED BY MARYLAND PUBLIC & PRIVATE COLLEGES & UNIVERSITIES 1971 - 1982

- VOLUME I -

State Board for Higher Education
16 Francis Street
Annapolis, Maryland 21401
(301) 269-2971

June 1983

State of Maryland

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This report presents data on degrees awarded by Maryland public and independent institutions of higher education from fiscal year 1971 through 1982.

Volume I of this report includes trends by broad academic area within each degree level from years 1971 through 1982. It also includes trends in degrees awarded to blacks and to women for years 1976 through 1982.

Volume II contains trends in total degrees awarded by institution for years 1971 through 1982. It also includes 6-year trends (1977 through 1982) in degrees awarded for each program at every college and university in the State.

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SUMMARY

This volume presents trend data by degree level. For each degree level (Lower Division Certificate, Associate, Bachelors, Masters, Doctorate, and First Professional) a set of graphs as well as a summary table are included. Following these, graphs and tables for trend data by race and sex are presented.

Trends in Lower Division Certificates

The number of lower division certificates awarded in Maryland has risen 778% since 1971, with large increases in each program area.

Trends in Associate Degrees

The number of associate degrees awarded in Maryland increased steadily between 1971 and 1978, but has declined somewhat since. Ten years ago, the majority (70%) of all associate degrees were awarded in transfer programs. However, in FY82, the majority (59%) were awarded in career programs.

There were 331% more associate degrees awarded in career programs in 1982 than in 1971, and there were sharp increases in each field. The greatest growth was in the areas of business and commerce technologies, natural science technologies, and public service technologies.

In associate degree transfer programs, the 12-year growth rate was 28%. Degree production increased each year from 1971 to 1977, but dropped thereafter. There was a rise in the number of transfer degrees awarded in general studies, business administration, and biological sciences, and a decline in the number of degrees earned in arts and sciences, humanities and social sciences, engineering, and teacher education.

Trends in Bachelors Degrees

Maryland's higher education institutions produced 24% more bachelors degree recipients in 1982 than in 1971. FY1978 was the peak year for bachelor's awards with stability since that time.

Most of the degrees earned during in FY1971 were in the social sciences (23%), education (21%), and the humanities (16%). In FY1982, the largest percentage of the degrees awarded were still in the social sciences (21%), but business had replaced education as the second most popular area with 20% of all awards. Only 7% of the bachelors degrees awarded were in education in FY1982. The program areas that enjoyed the greatest growth during this period were agriculture and natural resources, architecture and environmental design, business and management, communications, computer and information sciences, health professions, home economics, public affairs and services,

theology, and interdisciplinary studies. The fields which had the largest loss in terms of number of bachelors degrees awarded were education, foreign languages, and letters.

Trends in Masters Degrees

The number of masters degrees awarded in the State has risen 51% since 1971. The peak year was FY1978, with small declines since. The fields in which the increase in degree production has been greatest were agriculture and natural resources, biological sciences, business and management, communications, computer and information sciences, engineering, fine and applied arts, health professions, home economics, psychology, public affairs and services, theology, and interdisciplinary studies. There have been significant drops in the number of masters degrees earned in area studies, foreign languages, letters, and mathematics. While about the same number of masters degrees was awarded in education in FY1982 as in FY1971 the number of awards has dropped dramatically since FY1976, which was the peak year for education awards.

Trends in Doctorates

The number of doctoral degrees awarded in Maryland has remained essentially stable since 1971, increasing by just 8%. Degree production during this period more than doubled in the health professions and psychology, and dropped by 50% or more in letters and mathematics.

Trends in First Professional Degrees

Maryland universities awarded 61% more first professional degrees in 1982 than in 1971. The increase was greatest in the field of law, in which degree production more than doubled during the period. Virtually all of this increase took place in the early 1970's, with relative stability since. The number of degrees earned in medicine and dentistry rose by 34% and 27%, respectively.

Trends Among Black Graduates

Of all degrees awarded in Maryland in 1982, 11.8% went to black students. In FY1976 (the first year for which degree data were available by race) 11.1% of the degrees awarded went to black students. Maryland's colleges and universities produced more black graduates at every degree level, except the masters, in 1982 than in 1976. Among non-blacks during the same period, there was a decline in the number of degrees awarded in each category, except for lower division certificates and first professional degrees.

In FY1976, 7.6% of lower division certificates were awarded to blacks; in FY1982, 11.6%. The number of lower division certificates awarded to blacks increased by 149%, compared to a

55% increase among non-blacks. In 1976, most certificates earned by blacks were in public service technologies and health service technologies; in 1982, the largest areas were health service technologies and business and commerce technologies.

The percentage of blacks among associate degree recipients increased from 11.8% in FY1976 to 15.4% in FY1982. Twenty percent more blacks were awarded associate degrees in 1982 than in 1976. In contrast, 12% fewer non-blacks earned associate degrees in 1982 than in 1976. In both years the highest percentages of blacks receiving associate degrees received their degrees in transfer programs.

Among all students receiving bachelor's degrees, 11.1% were black in FY1976 and 12.0% were black in FY1982. There was a 7% increase among blacks and a 2% drop among non-blacks in the number of baccalaureates received between FY1976 and FY1982. Social sciences (including psychology), education, and business and management were the fields in which most blacks received bachelors degrees in 1976. These remained the most popular fields in 1982 as well; however, a greater percentage earned degrees in business and a smaller percentage in education than was the case six years earlier.

The number of masters degrees awarded to blacks fell by 39% since 1976, compared to a decline of 1% among non-blacks. As a result, only 8.1% of all masters degrees were awarded to black students in 1982 compared to 12.5% six years earlier. Most of the masters degrees earned by blacks in 1976 were in education (73%); in 1982, only 43% attained their masters in education. The decline in the number of blacks obtaining masters degrees in education was greater than the decline for blacks in all fields combined at the masters level.

Although relatively few blacks received doctorates in 1976 and 1982, the number who did rose by 60% during the period. In contrast, docotorate degree production among non-blacks dropped by 5%. As a result, the percentage of all doctorates that were awarded to blacks increased from 3.3% in 1976 to 5.4% in 1982. Forty percent of the doctoral degrees awarded to blacks in 1976 were in education; 53% in 1982 were in education.

The number of first professional degrees earned by blacks increased by 23% between 1976 and 1982, compared to a rise of 2% among non-blacks. Therefore, the percentage of blacks among all recipients of first-professional degrees rose from 5.3% in 1976 to 6.4% in 1982. The majority of the first professional degrees attained by blacks in both years was in law.

Trends Among Women Graduates

More women graduated from Maryland colleges and universities in 1982 than in 1976 - and at every degree level except the masters. In contrast, degree production for men declined during this period in every category except lower division certificates. As a result, while only 47% of awards were to women in 1976, 55% were to women in 1982.

The number of lower division certificates earned by women increased by 77% during this period, compared to a 47% rise among men. Correspondingly, the share of lower division certificates awarded to women increased from 50.5% to 55.1%. In 1976, the highest percentages of the certificates received by women were in health service technologies, public service technologies and business/commerce technologies. By 1982, data processing technologies had replaced public service among the top three areas in which certificates were awarded to women.

There was a 21% increase in the number of associate degrees awarded to women since 1976 - and a 34% decline in the number of associates earned by men. The share of associate degrees awarded to women increased from 47% in 1976 to 62% in 1982. The highest percentage of the women degree recipients in both years graduated in transfer programs.

The percentage of bachelors degrees awarded to women increased from 47% to 54% between 1976 and 1982 and fourteen percent more women (and 14% fewer men) achieved bachelors degrees during this period. The highest percentages of bachelors degrees awarded to women in 1976 were in education, the social sciences (including psychology), and the humanities; the highest in 1982 were in the social sciences, business, the humanities, and the health professions. The percentage of women graduates who earned their degrees in education dropped considerably during the period.

There was a small decline in the number of masters degrees awarded to both men and women (3% and 9%, respectively) between 1976 and 1982. Women increased their share of awards at this level slightly, from 54% to 56%. In 1976, 59% of the masters degrees earned by women were in education; in 1982, education had declined to 39% of the awards to women, but it remained the largest field.

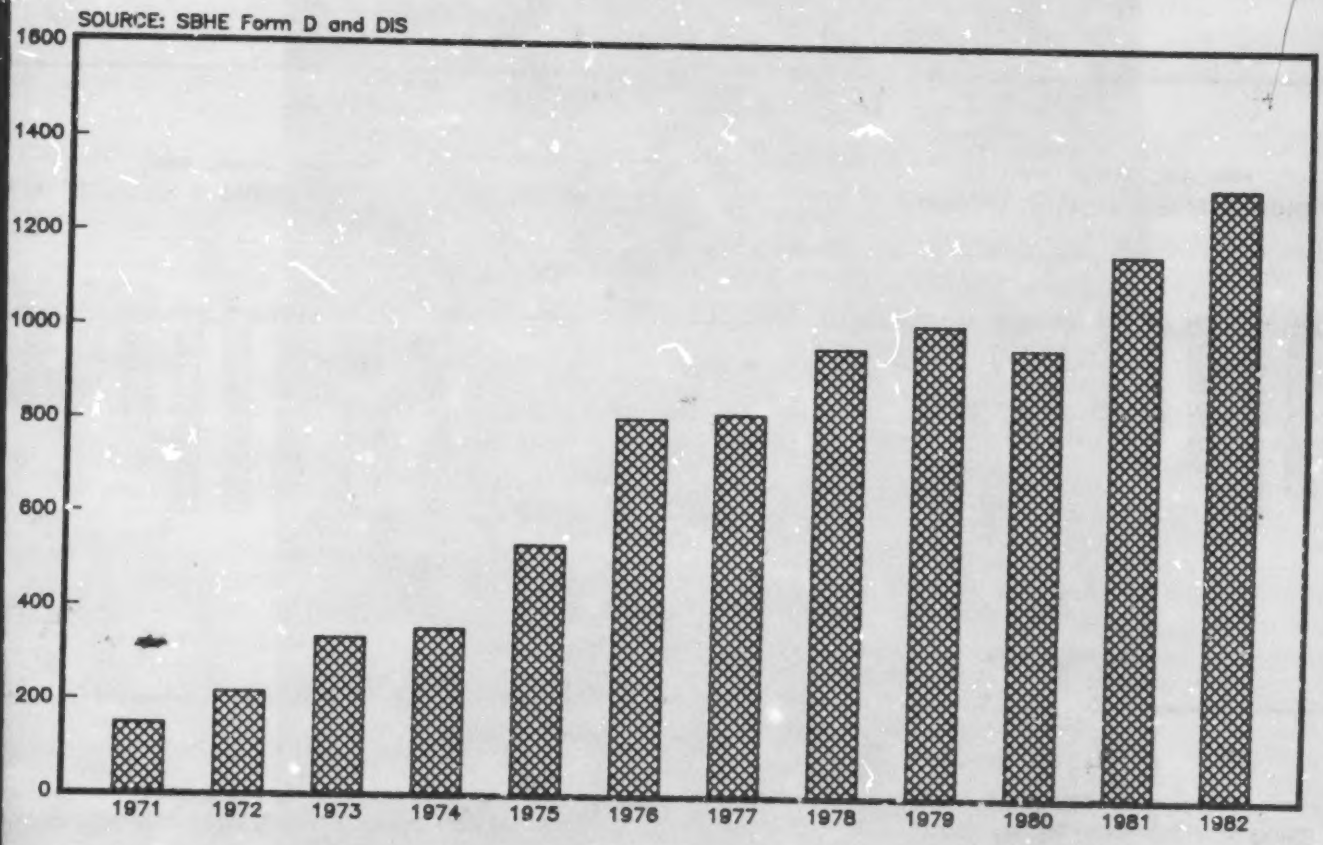
The number of doctorates earned by women rose by 58% during the six-year period, while the number attained by men fell by 24%. As a result, the share of all doctorates awarded to women increased substantially, from 26% to 42%. Education was the most common single field in which women were awarded doctorates in both years - about a third of all doctorates awarded to women in both 1976 and 1982.

Maryland's professional schools produced 85% more women graduates in 1982 than in 1976 - and 12% fewer male graduates. During this period, the percentage of first-professional degrees awarded to women increased from 16% to 28%. The majority of the first professional degrees awarded to women in both years were in law.

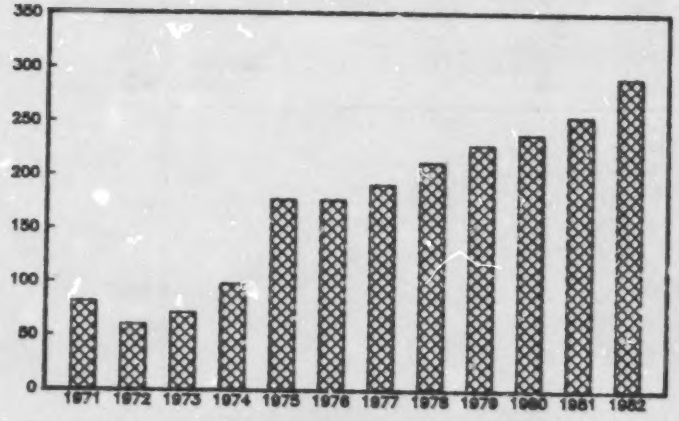
TRENDS IN LOWER DIVISION CERTIFICATES

TRENDS IN LOWER DIVISION CERTIFICATES

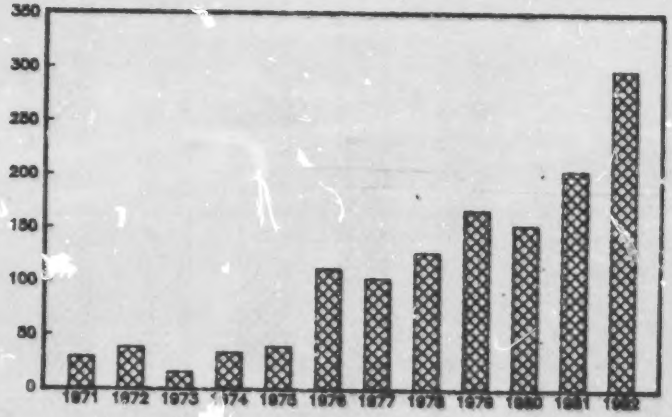
All Maryland Higher Education Institutions



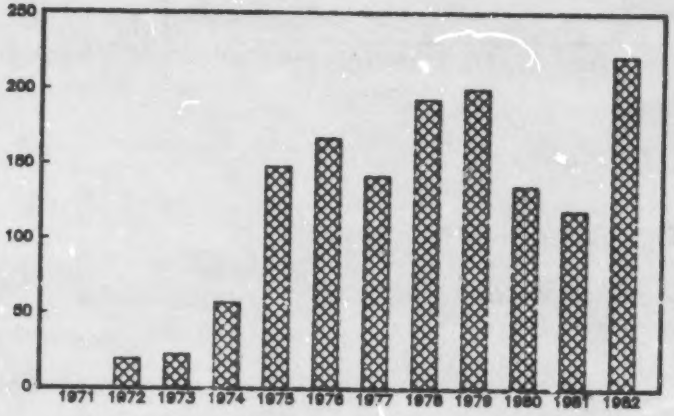
BUSINESS AND COMMERCE TECHNOLOGIES
Lower Division Certificates



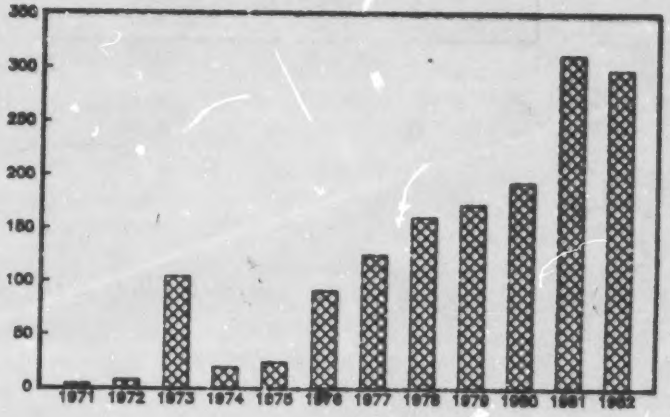
DATA PROCESSING TECHNOLOGIES
Lower Division Certificates



HEALTH SERVICES & PARAMEDICAL TECHNOLOGIES
Lower Division Certificates

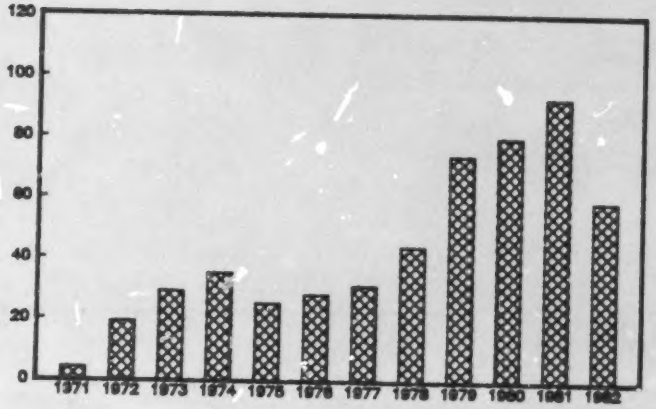


MECHANICAL & ENGINEERINC TECHNOLOGIES
Lower Division Certificates



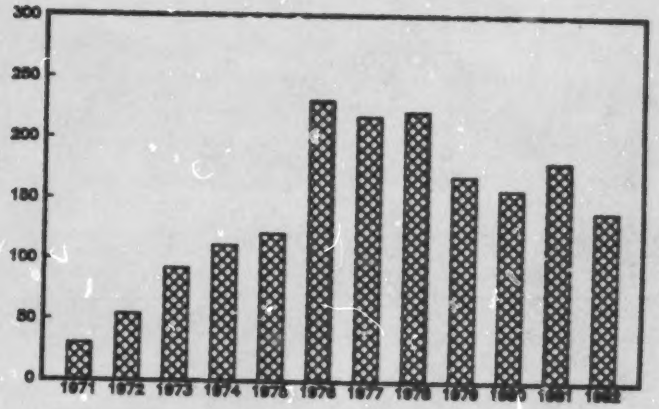
NATURAL SCIENCE TECHNOLGIES

Lower Division Certificates



PUBLIC SERVICE RELATED TECHNOLOGIES

Lower Division Certificates



TRENDS IN DEGREES AWARDED BY AREA

- LOWER DIVISION CERTIFICATES -

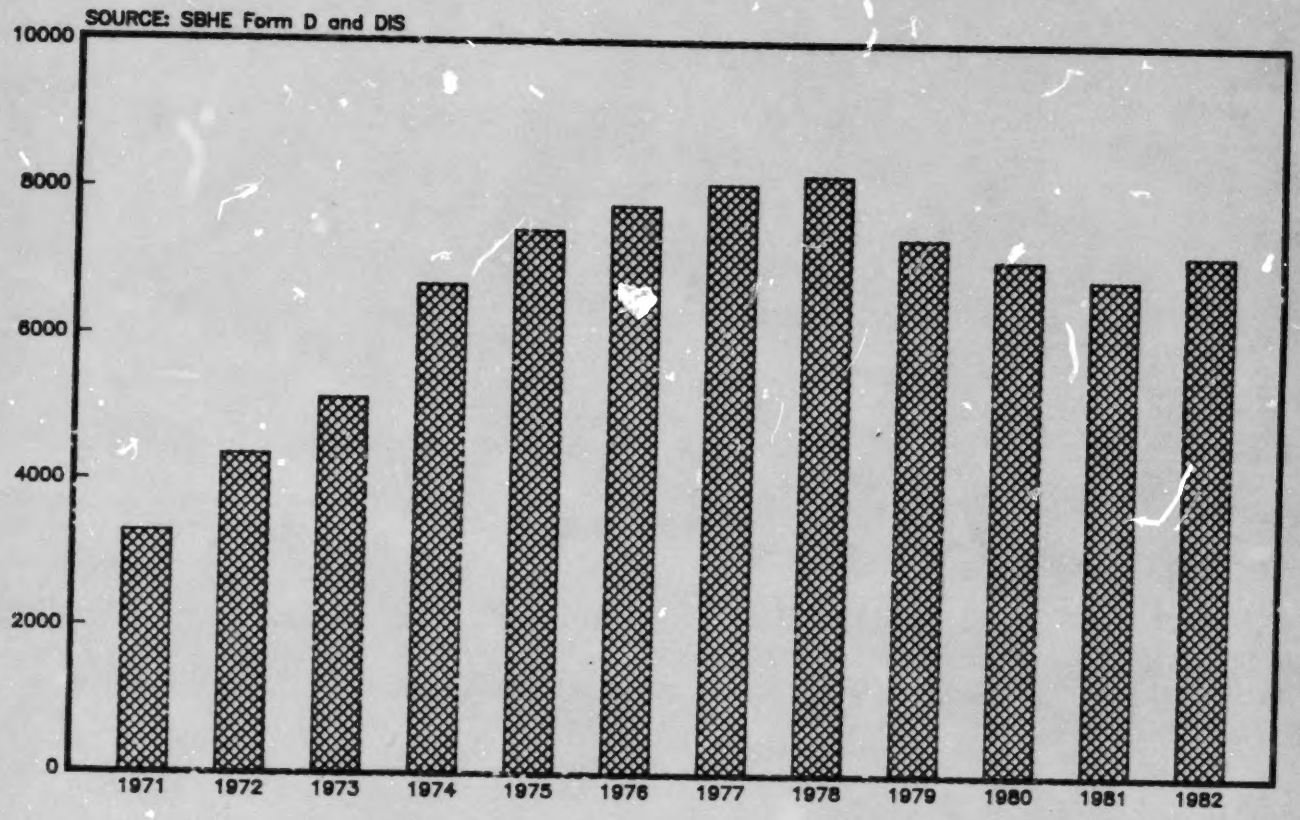
Program Area	71	72	73	74	75	76	77	78	79	80	81	82
Bus & Com Tech.	81	60	71	98	177	177	191	212	228	238	255	291
Data Proc. Tech.	29	38	15	33	39	112	103	127	167	153	204	298
Health Svc. Tech.	0	19	22	57	148	167	142	193	200	135	119	222
Mech. & Eng. Tech.	3	7	104	19	24	91	125	160	172	193	312	298
Natural Sci. Tech.	4	19	29	35	25	28	31	44	74	80	93	59
Public Svc. Tech.	30	54	92	111	121	231	218	222	169	158	181	140
Total*	149	216	333	353	534	806	817	959	1010	961	1164	1308

*Including Unknown Area

TRENDS IN ASSOCIATE DEGREES

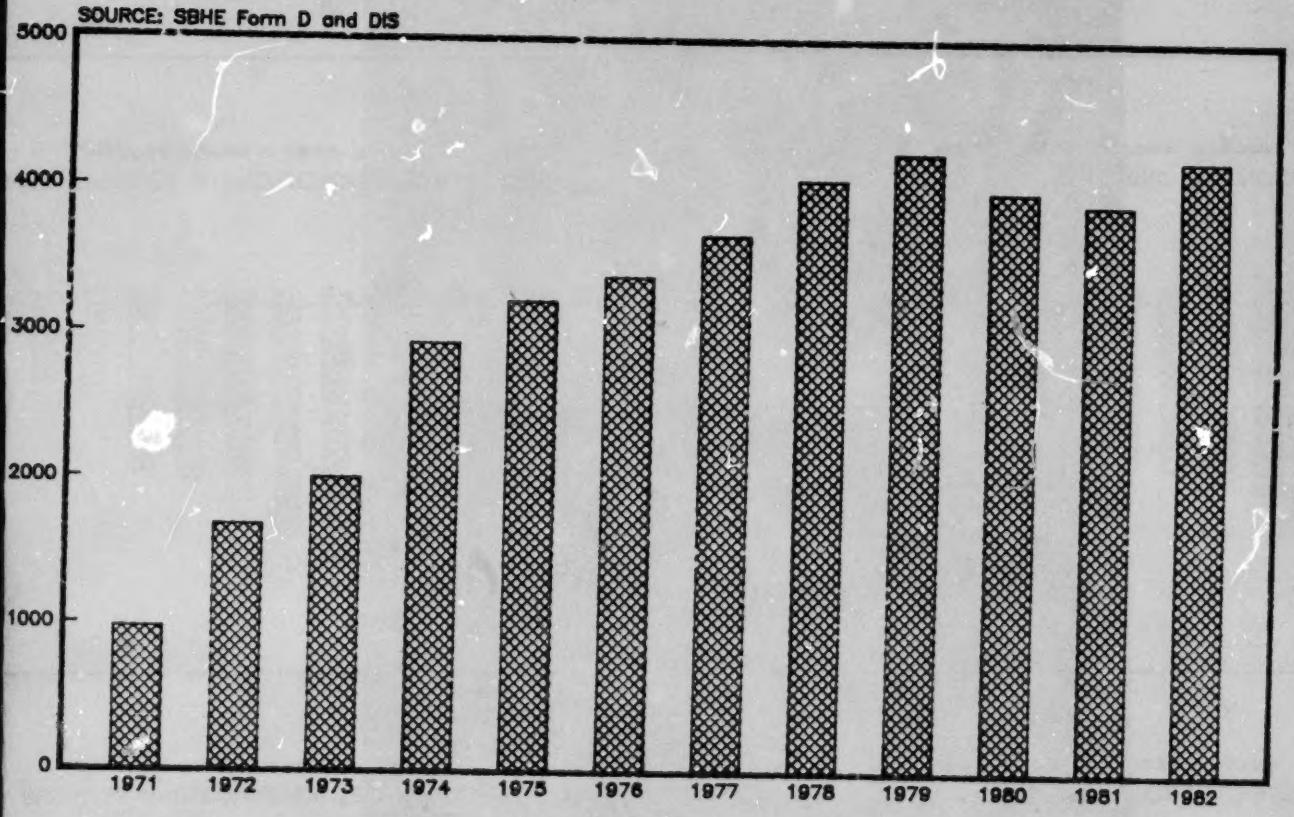
TRENDS IN ASSOCIATE DEGREES

All Maryland Higher Education Institutions

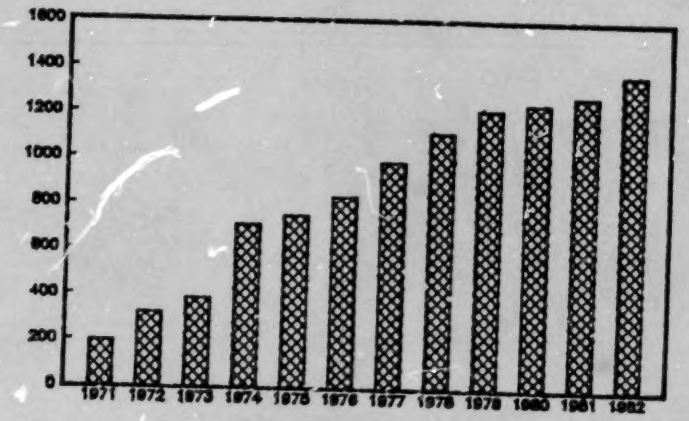


TRENDS IN ASSOCIATE DEGREE CAREER PROGRAMS

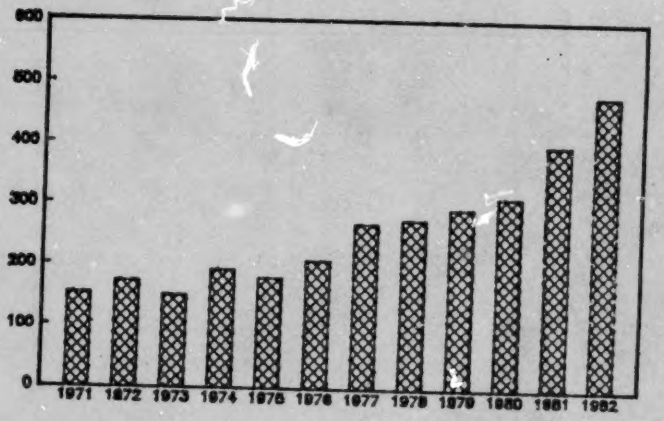
All Maryland Higher Education Institutions



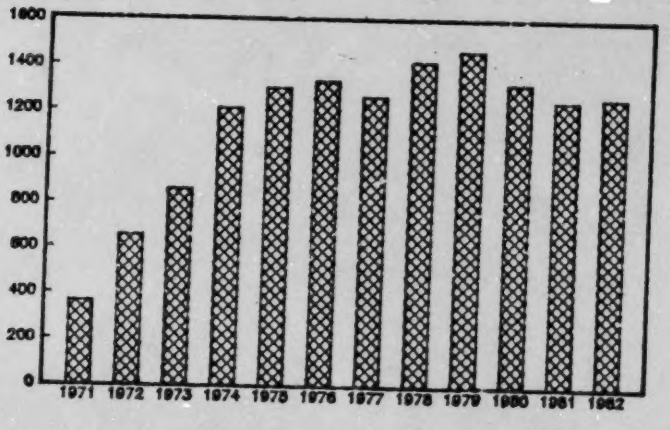
BUSINESS AND COMMERCE TECHNOLOGIES
Associate Degrees in Career Programs



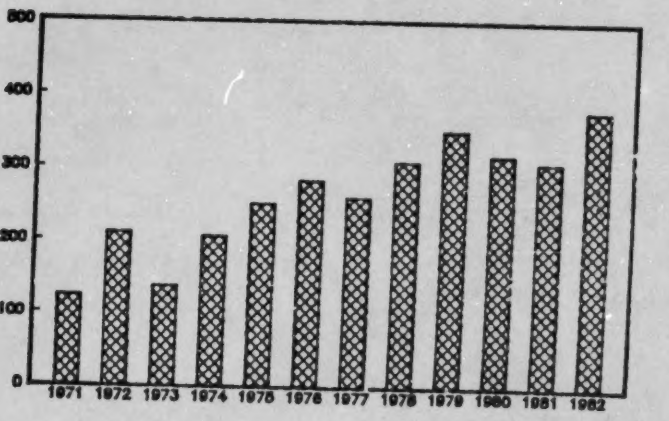
DATA PROCESSING TECHNOLOGIES
Associate Degrees in Career Programs



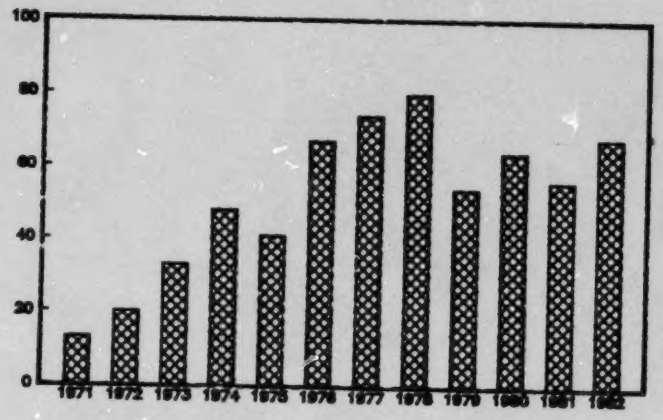
HEALTH SERVICES & PARAMEDICAL TECHNOLOGIES
Associate Degrees in Career Programs



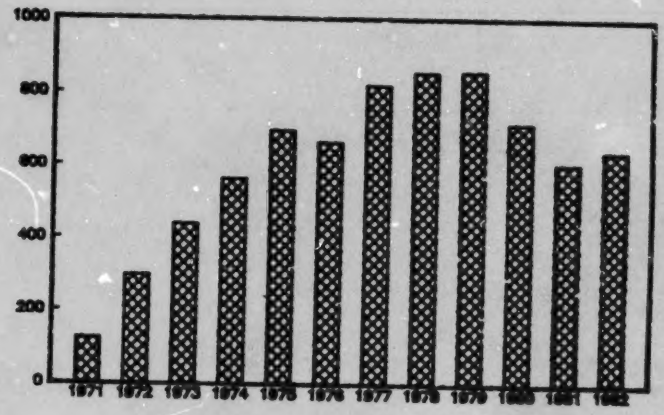
MECHANICAL & ENGINEERING TECHNOLOGIES
Associate Degrees in Career Programs



NATURAL SCIENCE TECHNOLOGIES
Associate Degrees in Career Programs



PUBLIC SERVICE RELATED TECHNOLOGIES
Associate Degrees in Career Programs



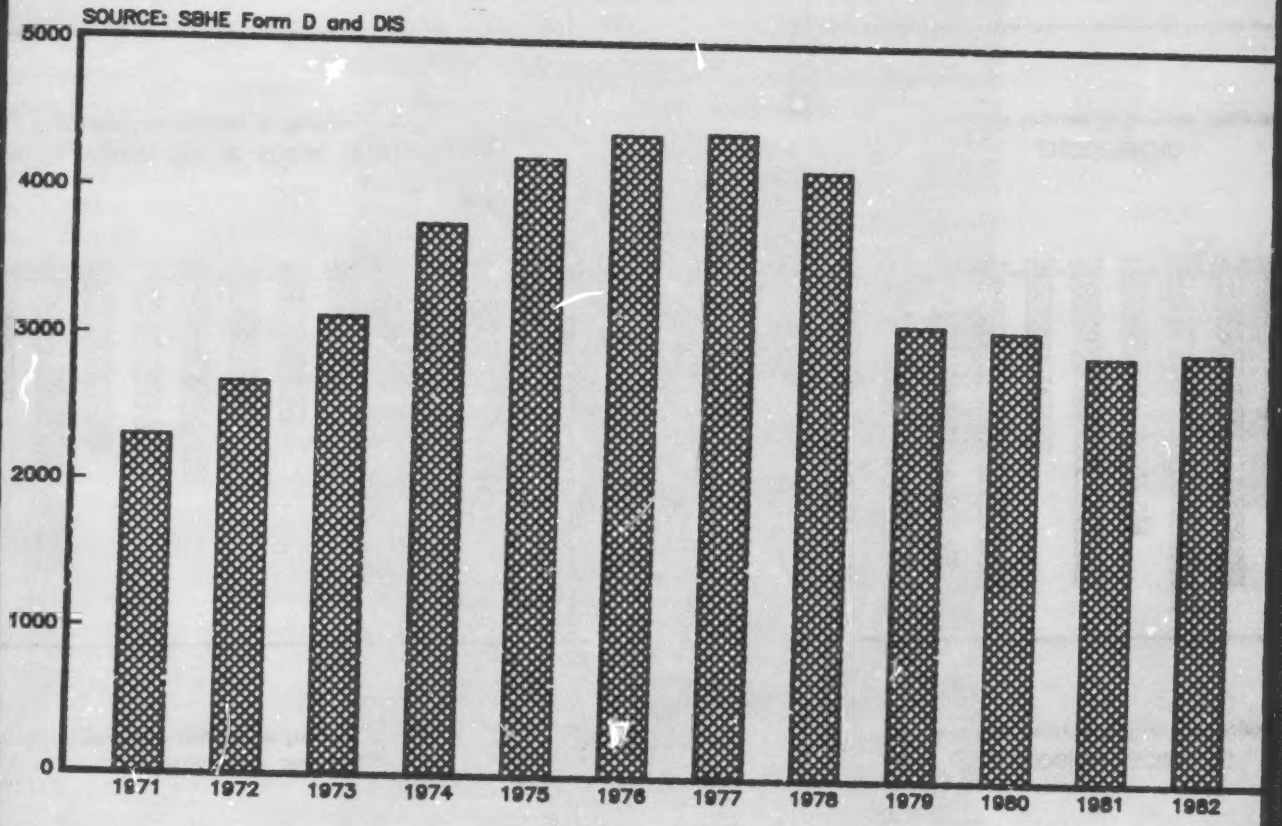
TRENDS IN DEGREES AWARDED BY AREA

- ASSOCIATE DEGREES IN CAREER PROGRAMS -

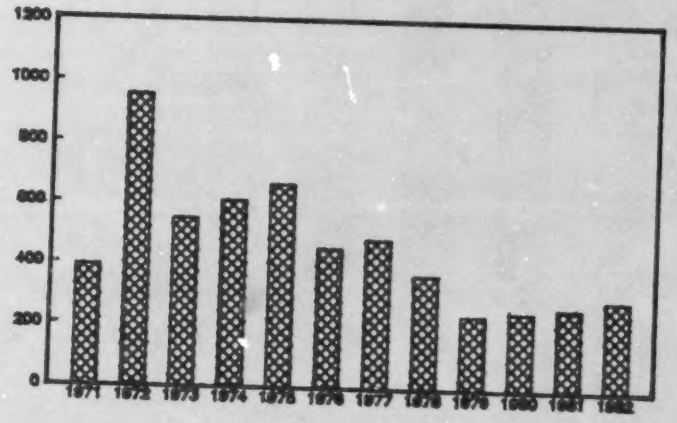
Program Area	71	72	73	74	75	76	77	78	79	80	81	82
Bus & Com. Tech.	196	321	386	709	750	832	985	1115	1218	1244	1279	1375
Data Proc. Tech.	153	173	150	192	179	208	269	276	294	313	399	480
Health Svc. Tech.	365	657	860	1212	1301	1333	1264	1419	1466	1324	1248	1263
Mech. & Eng. Tech.	124	211	137	206	251	283	260	309	352	319	309	380
Natural Sci. Tech.	13	20	33	48	41	67	74	80	54	64	56	68
Public Svc. Tech.	124	297	438	562	696	664	821	857	859	716	607	641
Total	975	1679	2004	2929	3218	3387	3673	4056	4243	3980	3898	4207

TRENDS IN ASSOCIATE DEGREE TRANSFER PROGRAMS

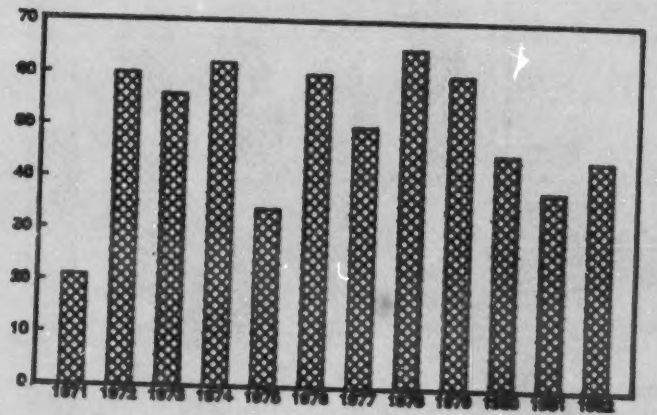
All Maryland Higher Education Institutions



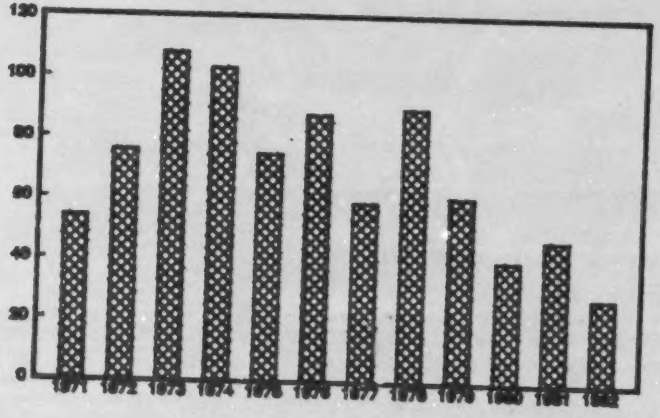
ARTS AND SCIENCES
Associate Degrees in Transfer Programs



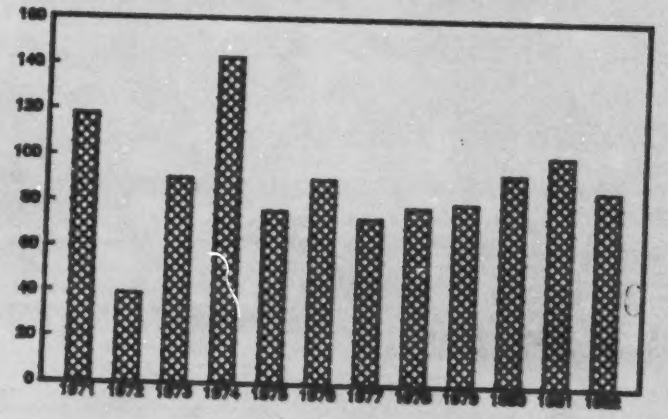
BIOLOGICAL SCIENCES
Associate Degrees in Transfer Programs



HUMANITIES & SOCIAL SCIENCES
Associate Degrees in Transfer Programs

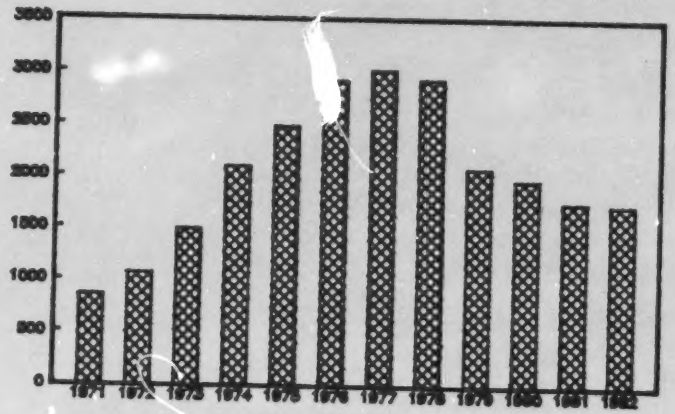


ENGINEERING
Associate Degrees in Transfer Programs



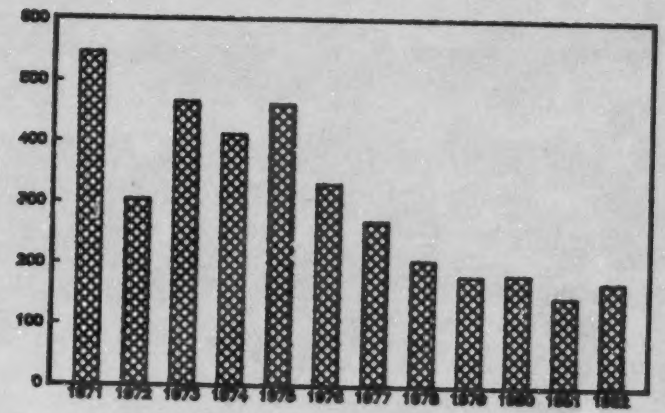
GENERAL STUDIES

Associate Degrees in Transfer Programs



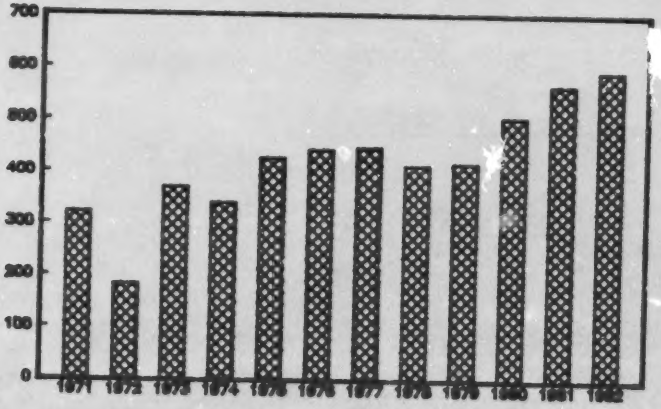
TEACHER EDUCATION

Associate Degrees in Transfer Programs



BUSINESS ADMINISTRATION

Associate Degrees in Transfer Programs



TRENDS IN DEGREES AWARDED BY AREA

- ASSOCIATE DEGREES IN TRANSFER PROGRAMS -

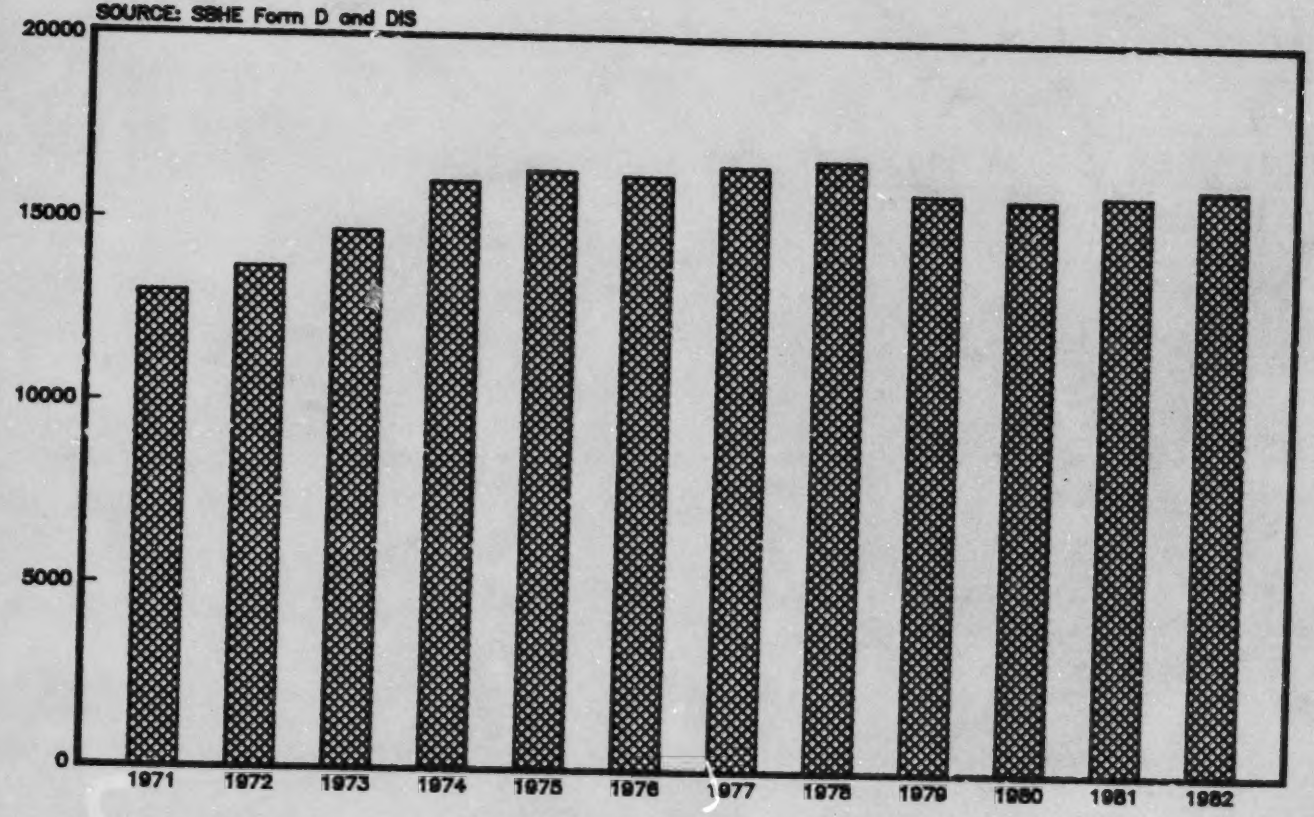
Program Area	71	72	73	74	75	76	77	78	79	80	81	82
Arts & Sciences	391	954	548	608	663	454	485	368	237	250	264	292
Bio Science	21	60	56	62	34	60	50	65	60	45	38	44
Hum & Soc Sciences	54	76	108	103	75	88	59	90	61	40	47	28
Engineering	118	39	90	143	76	90	73	78	80	93	101	86
Gen Studies	855	1061	1490	2092	2477	2920	3020	2931	2076	1965	1753	1735
Teacher Education	546	304	466	412	462	331	270	206	181	183	147	172
Bus. Administration	321	182	370	340	427	443	448	413	417	505	566	593
Total	2306	2676	3128	3760	4214	4386	4405	4151	3112	3081	2916	2950
All Assoc* - Total	3290	4355	5132	6690	7432	7773	8078	8207	7356	7069	6814	7157

*Career and transfer programs combined

TRENDS IN BACHELOR'S DEGREES

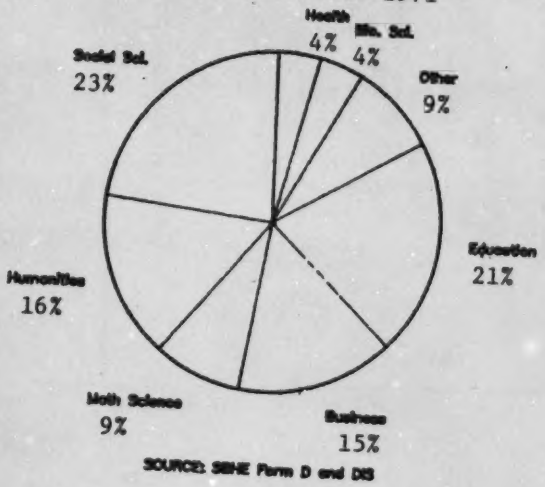
TRENDS IN BACHELORS DEGREES

All Maryland Higher Education Institutions



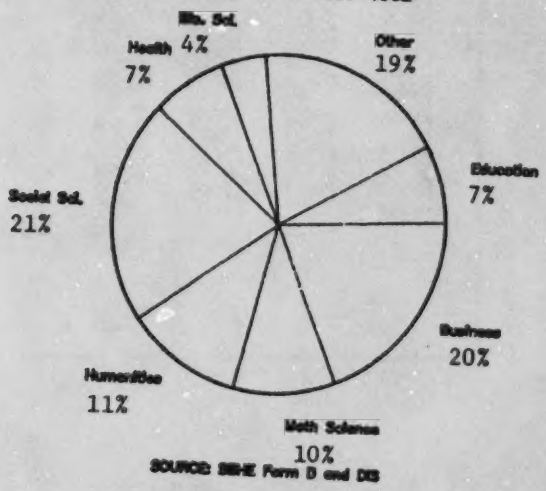
BACHELORS DEGREES BY BROAD ACADEMIC AREAS[1]

ACADEMIC YEAR 1970-1971



BACHELORS DEGREES BY BROAD ACADEMIC AREAS[1]

ACADEMIC YEAR 1981-1982



[1]

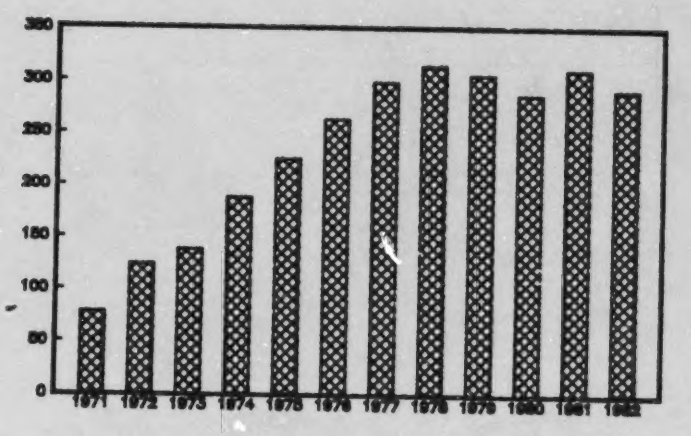
Humanities includes:
- Area Studies
- Communications
- Letters
- Fine Arts
- Foreign Languages

Math Science includes:
- Computer Sciences
- Engineering
- Mathematics
- Physics

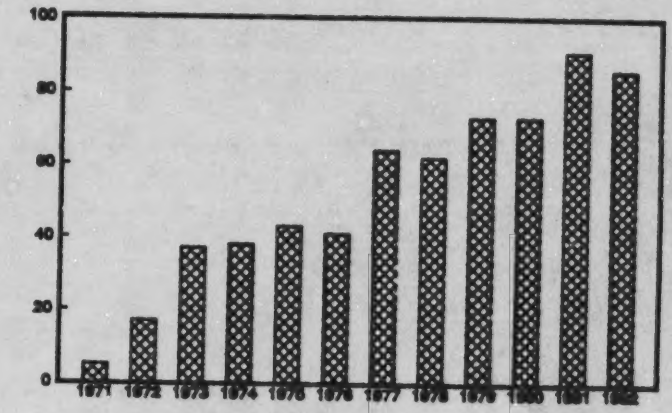
Social Science includes:
- Psychology
- Social Sciences
- Public Affairs & Sciences

Other includes:
- Agriculture
- Home Economics
- Interdisciplinary
- All Other
- Unknown

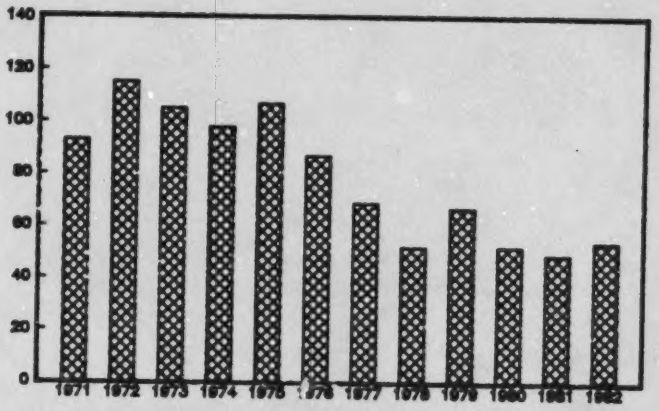
AGRICULTURE AND NATURAL RESOURCES
Bachelor Degrees



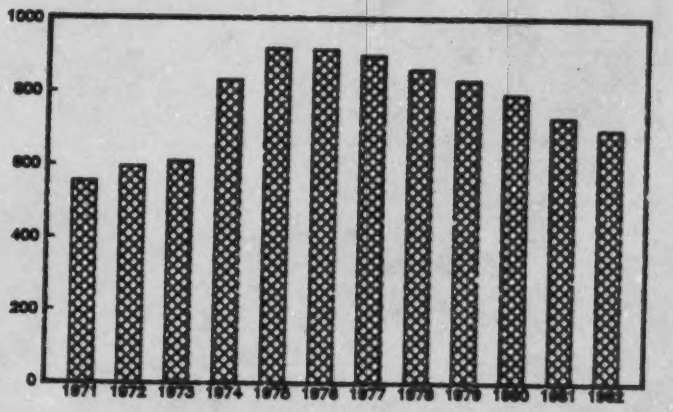
ARCHITECTURE AND ENVIRONMENTAL DESIGN
Bachelor Degrees



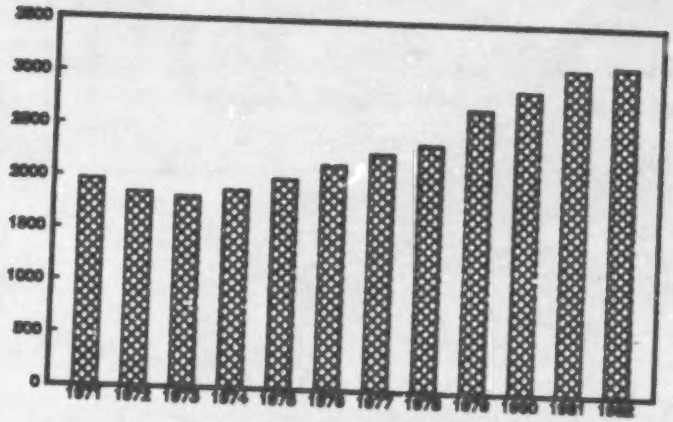
AREA STUDIES
Bachelor Degrees



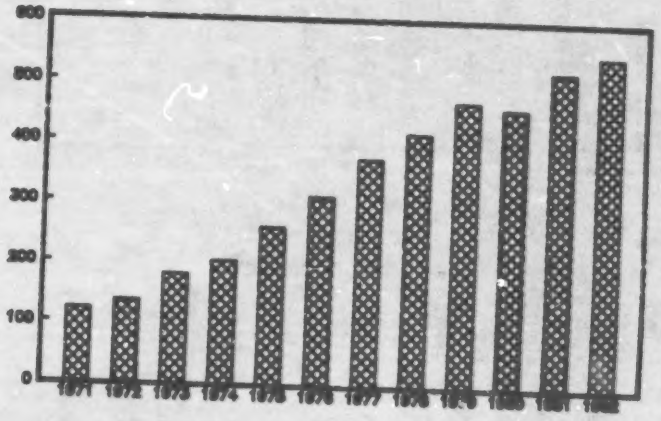
BIOLOGICAL SCIENCES
Bachelor Degrees



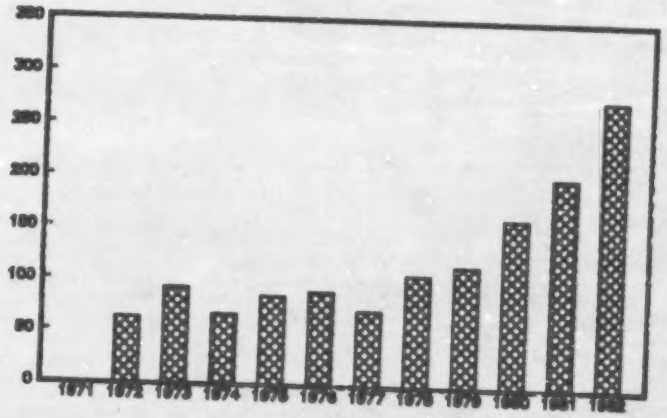
BUSINESS AND MANAGEMENT
Bachelor Degrees



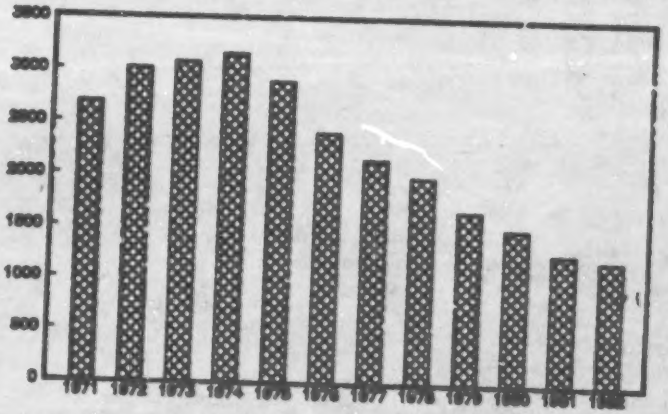
COMMUNICATIONS
Bachelor Degrees



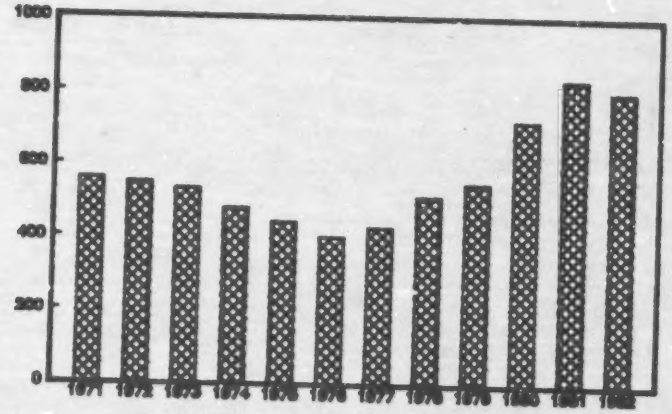
COMPUTER AND INFORMATION SCIENCES
Bachelor Degrees



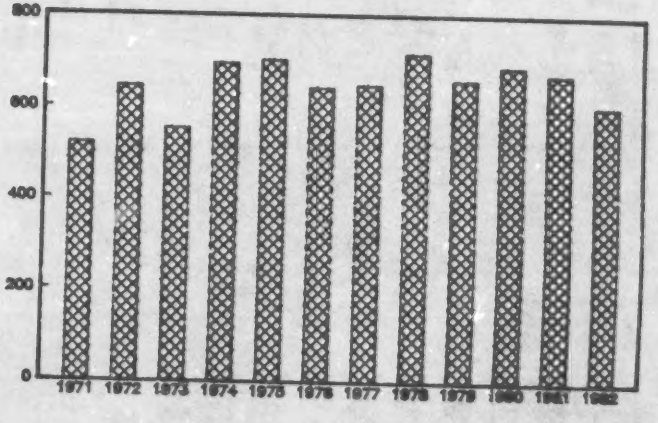
EDUCATION
Bachelor Degrees



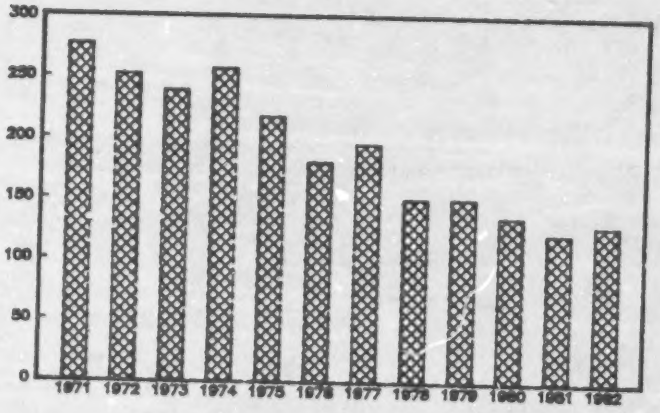
ENGINEERING
Bachelor Degrees



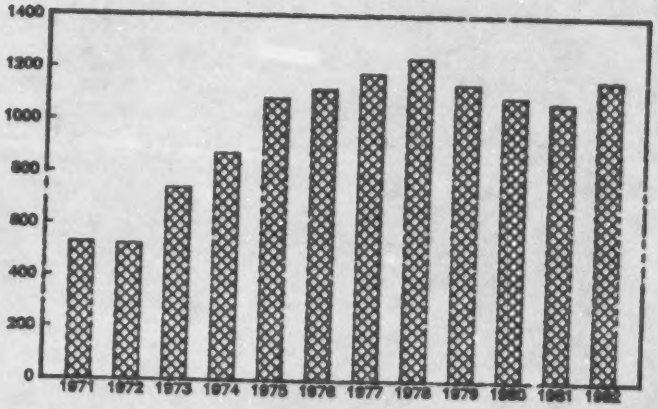
FINE AND APPLIED ARTS
Bachelor Degrees



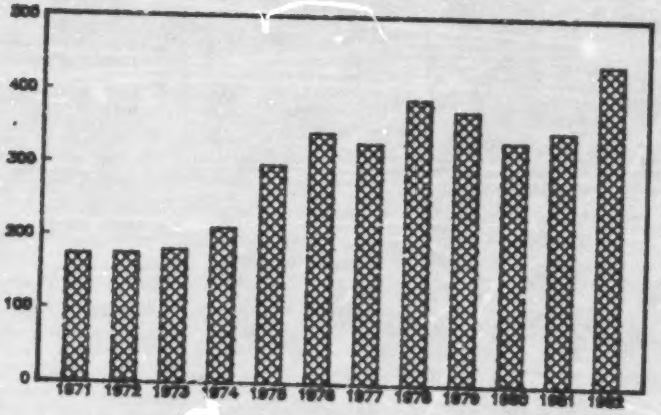
FOREIGN LANGUAGES
Bachelor Degrees



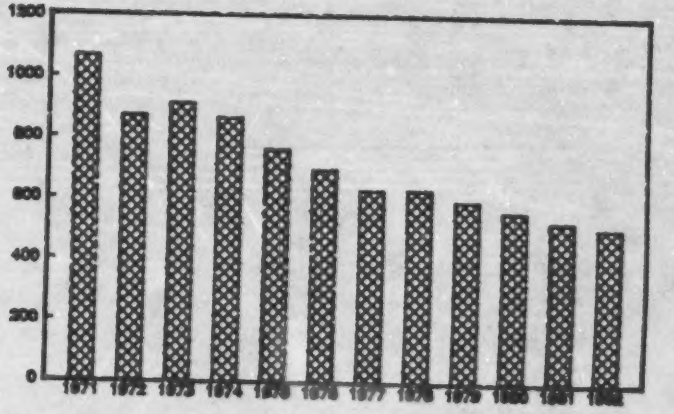
HEALTH PROFESSIONS
Bachelor Degrees



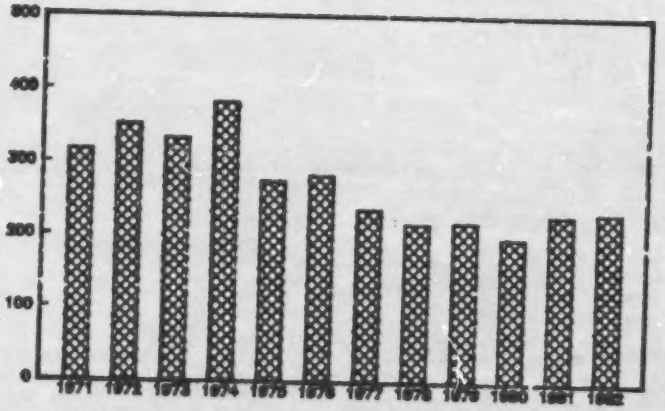
HOME ECONOMICS
Bachelor Degrees



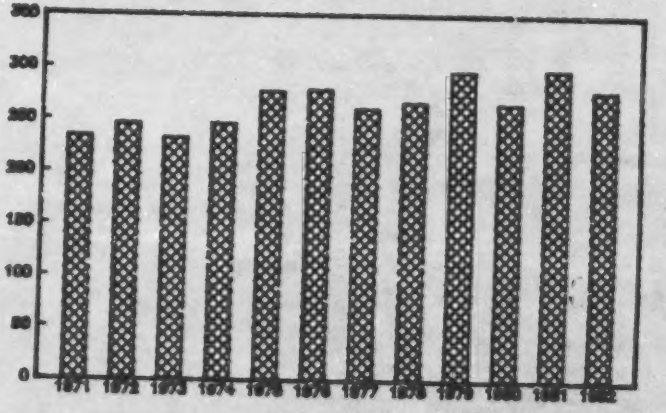
LETTERS
Bachelor Degrees



MATHEMATICS
Bachelor Degrees

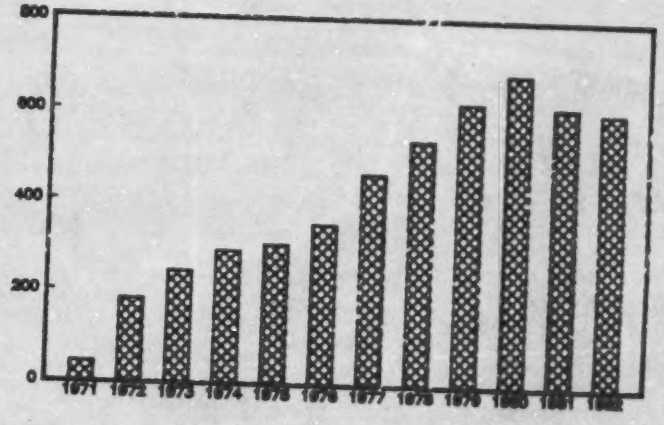


PHYSICAL SCIENCES
Bachelor Degrees

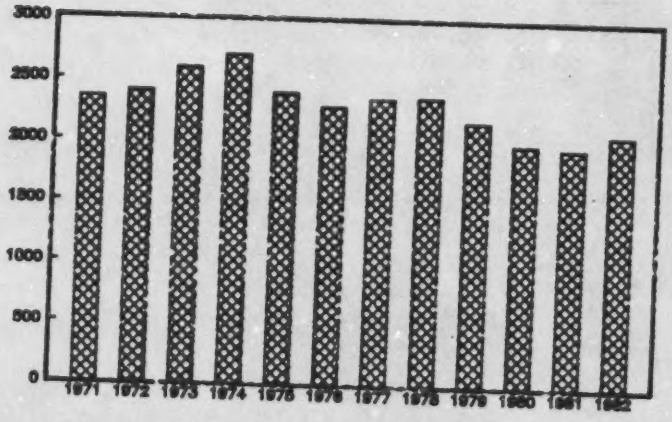


PSYCHOLOGY
Bachelor Degrees

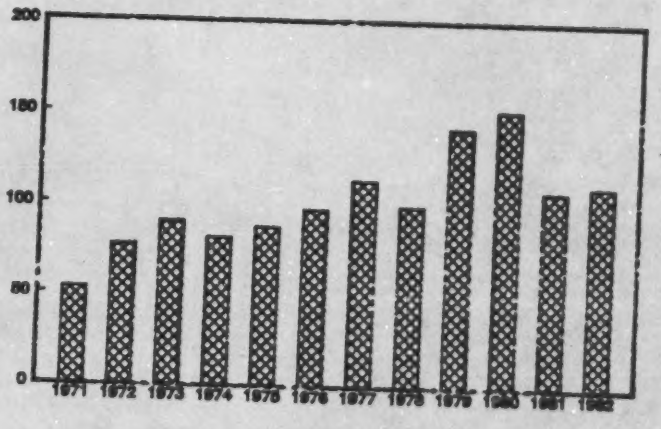
PUBLIC AFFAIRS AND SERVICES
Bachelor Degrees



SOCIAL SCIENCES
Bachelor Degrees

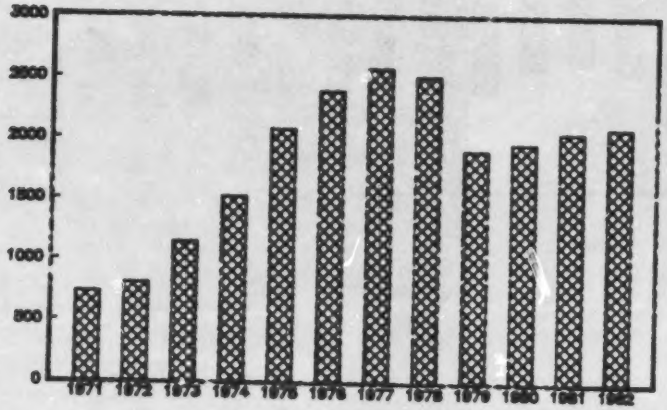


THEOLOGY
Bachelor Degrees



INTERDISCIPLINARY STUDIES

Bachelor Degrees



TRENDS IN DEGREES AWARDED BY AREA

- BACHELORS -

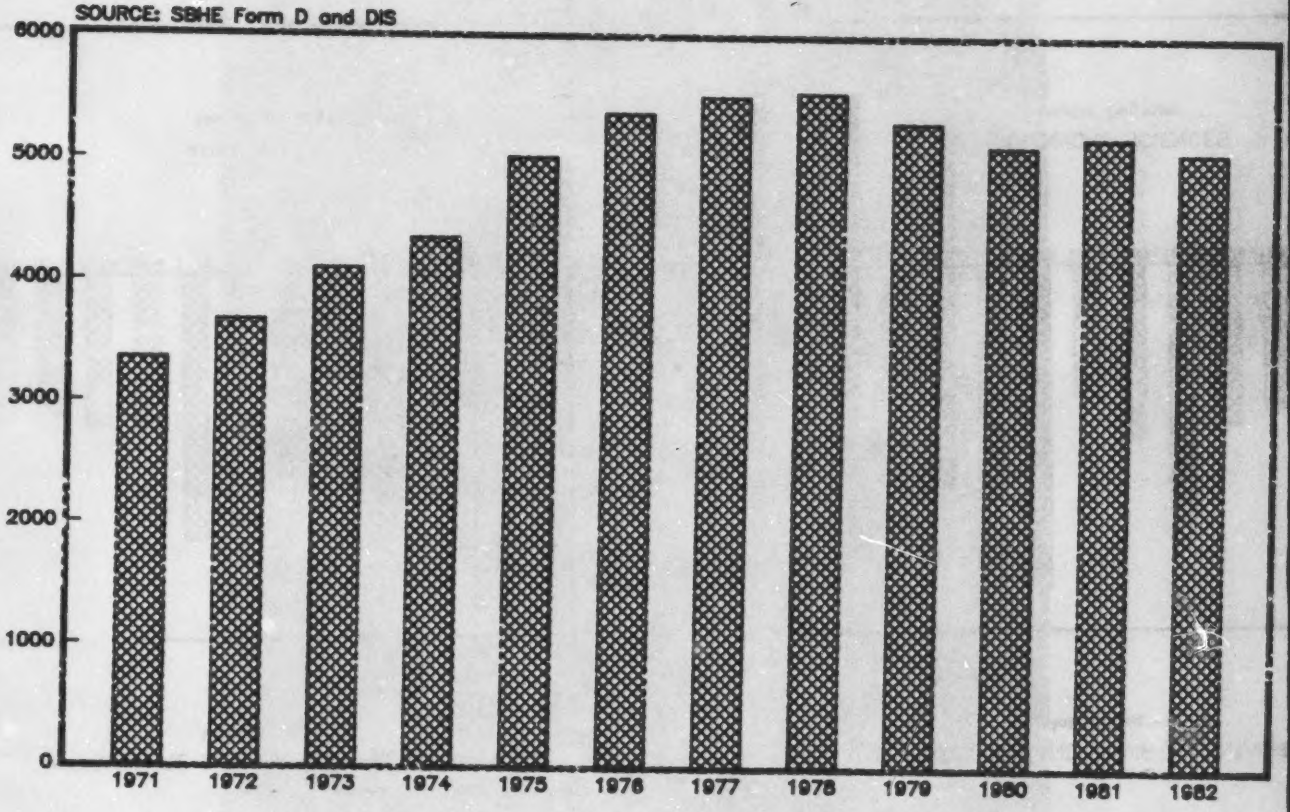
Program Area	71	72	73	74	75	76	77	78	79	80	81	82
Ag & Nat Res	78	124	138	188	225	263	299	315	306	287	311	292
Arch & Env Res.	5	17	37	38	43	41	64	62	73	73	91	86
Area Studies	93	115	105	98	107	87	69	52	67	52	49	54
Bio Sciences	554	594	609	832	918	916	900	862	832	794	731	698
Bus & Mgmt	1967	1846	1810	1880	1998	2144	2261	2359	2705	2886	3099	3141
Communications	122	136	180	203	259	311	374	417	470	460	521	548
Computer Info Sci	0	63	92	67	85	90	72	107	116	162	202	277
Education	2686	3014	3074	3155	2892	2406	2153	1985	1666	1496	1263	1204
Engineering	558	548	532	479	442	401	428	513	549	721	835	802
Fine & App Arts	520	646	553	696	704	644	650	719	661	691	675	606
Foreign Lang	277	252	239	257	218	181	196	151	151	136	122	129
Hlth Prof.	527	520	737	871	1083	1119	1180	1240	1140	1092	1071	1159
Home Ec.	174	175	180	210	297	342	328	389	373	332	346	439
Letters	1067	872	912	865	763	698	631	633	596	562	530	510
Mathematics	317	352	333	382	275	283	237	217	219	197	229	233
Physical Sci.	234	246	232	246	277	279	261	267	297	266	299	279
Psychology	579	657	813	876	905	911	843	872	763	699	752	759
Pub. Affairs	43	182	244	290	305	351	463	538	621	685	614	603
Social Sci.	2350	2404	2598	2705	2399	2290	2358	2371	2177	1996	1968	2083
Theology	53	77	90	81	87	97	113	99	142	152	108	111
Interdiscipl.	733	807	1146	1520	2075	2392	2577	2514	1903	1961	2051	2060
Total*	13016	13688	14681	16043	16369	16257	16566	16766	15875	15750	15889	16107

*Including Unknown and Other Areas

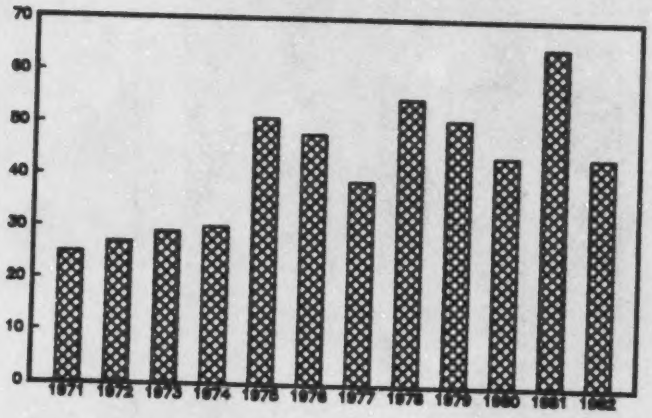
TRENDS IN MASTER'S DEGREES

TRENDS IN MASTERS DEGREES

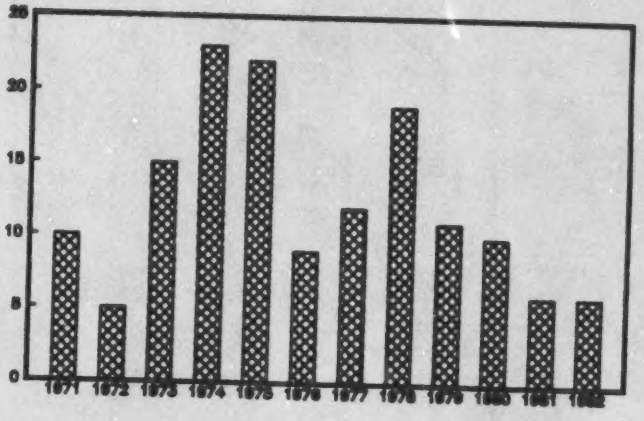
All Maryland Higher Education Institutions



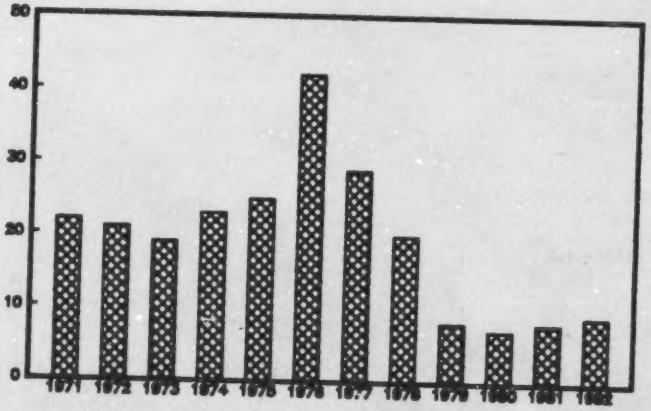
AGRICULTURE AND NATURAL RESOURCES
Master Degrees



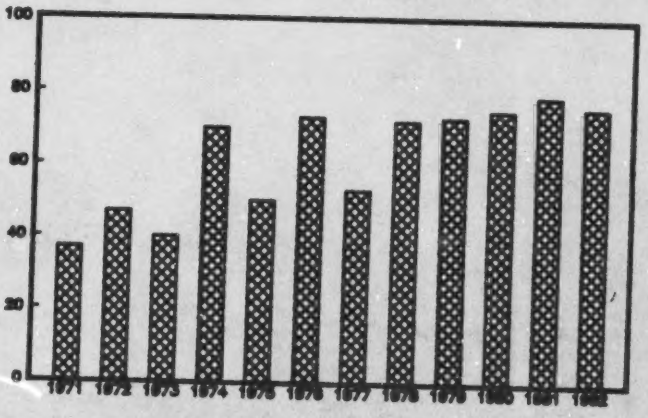
ARCHITECTURE AND ENVIRONMENTAL DESIGN
Master Degrees



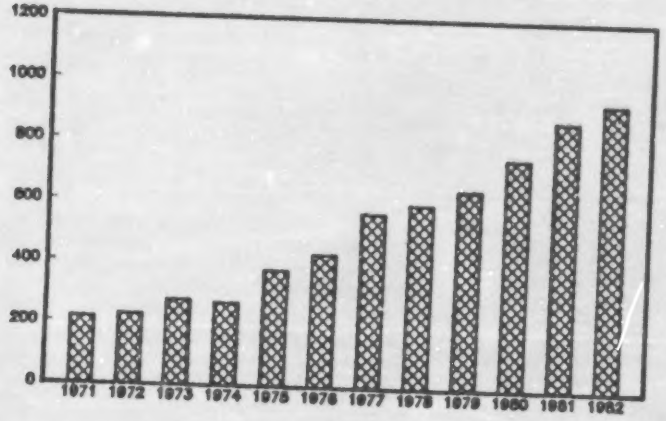
AREA STUDIES
Master Degrees



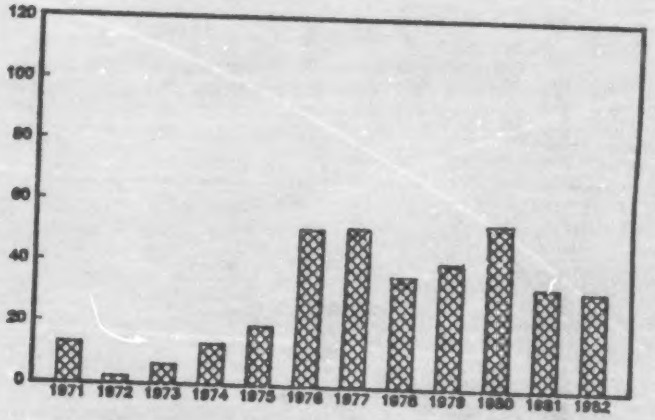
BIOLOGICAL SCIENCES
Master Degrees



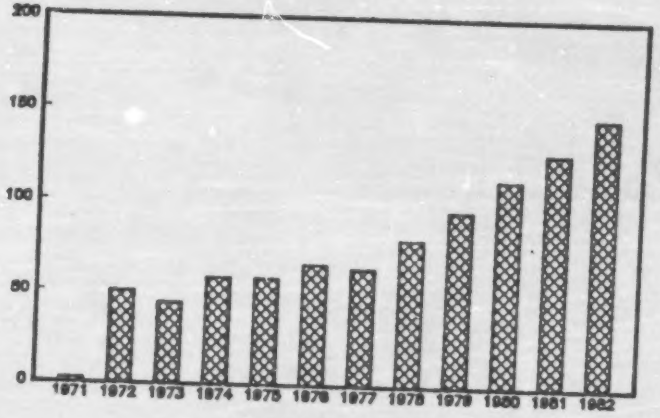
BUSINESS AND MANAGEMENT
Master Degrees



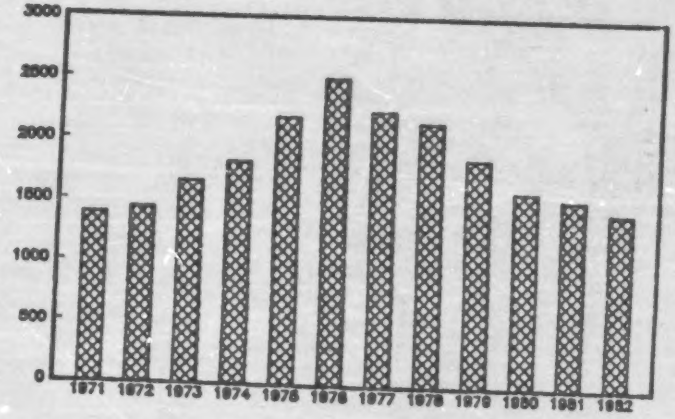
COMMUNICATIONS
Master Degrees



COMPUTER AND INFORMATION SCIENCES
Master Degrees



EDUCATION
Master Degrees



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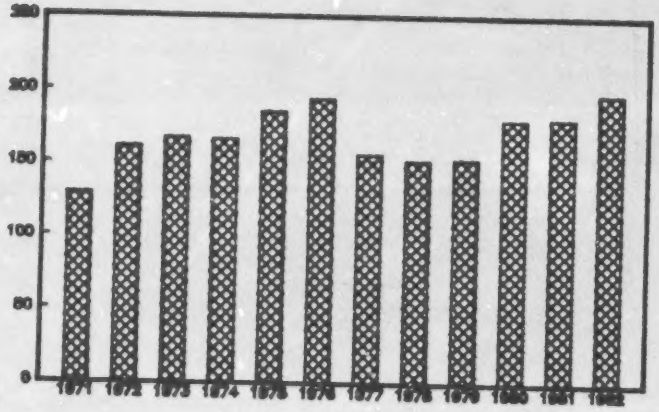
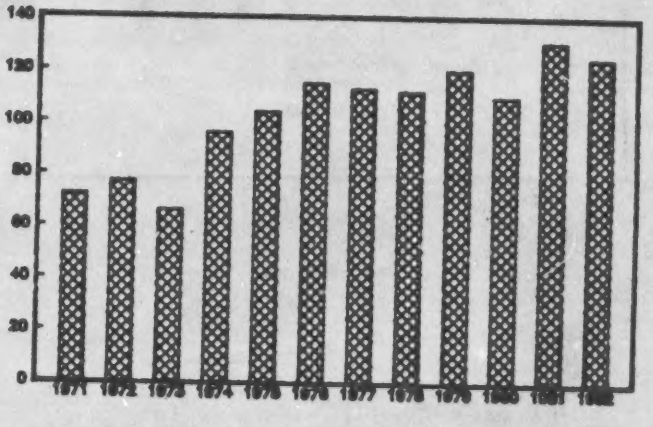
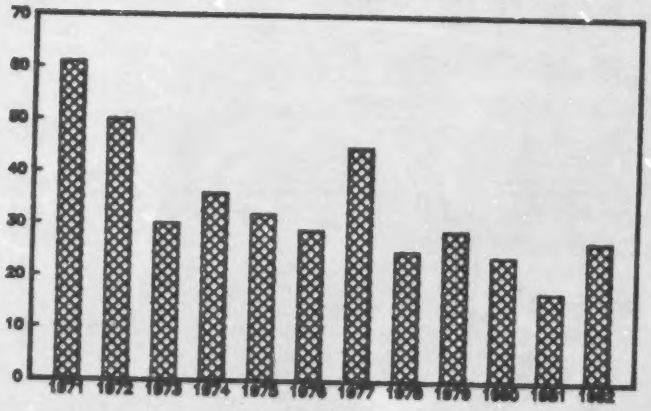
ENGINEERING
Master Degrees



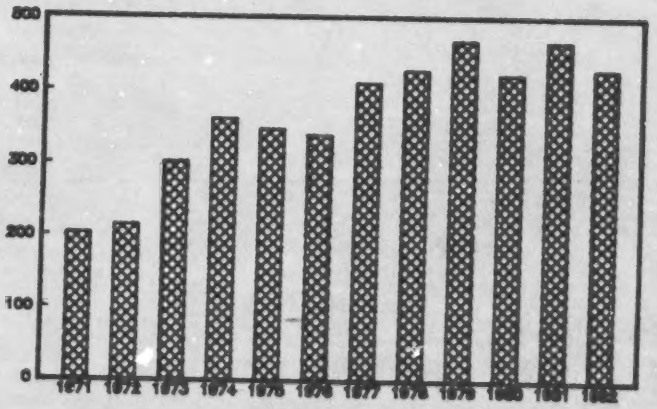
FINE AND APPLIED ARTS
Master Degrees



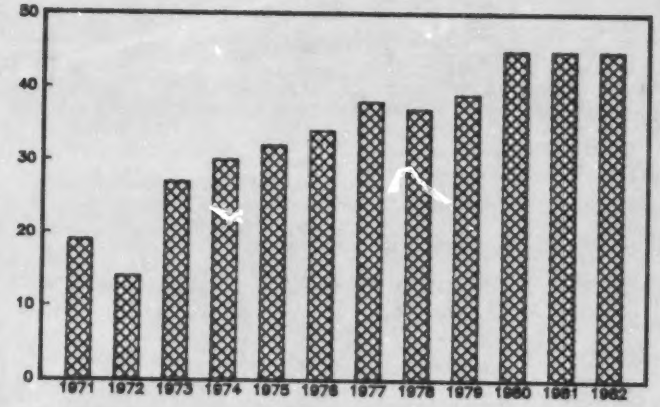
FOREIGN LANGUAGES
Master Degrees



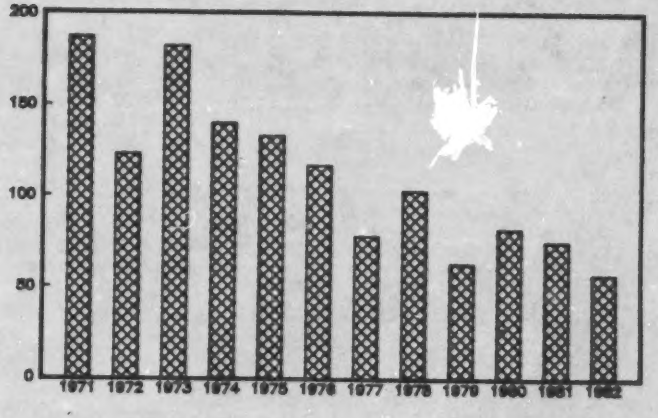
HEALTH PROFESSIONS
Master Degrees



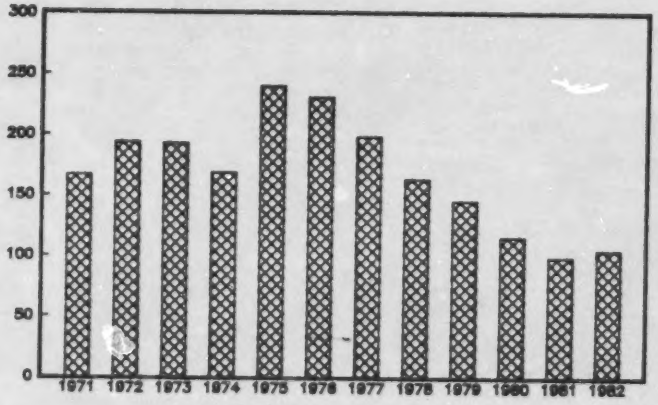
HOME ECONOMICS
Master Degrees



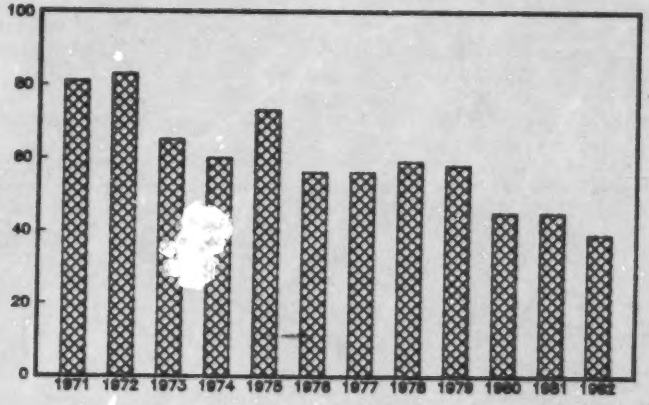
LETTERS
Master Degrees



LIBRARY SCIENCE
Master Degrees

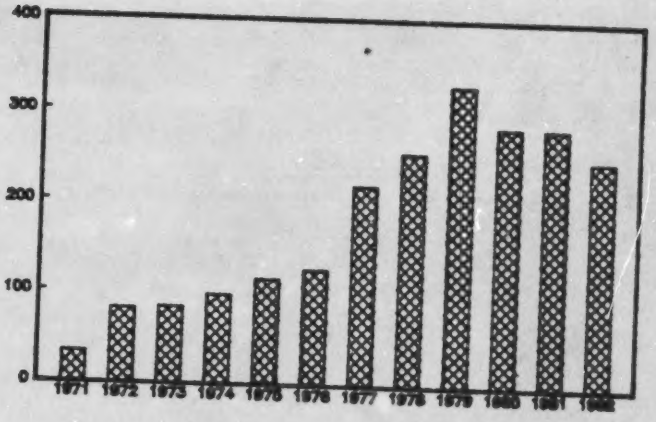


MATHEMATICS
Master Degrees

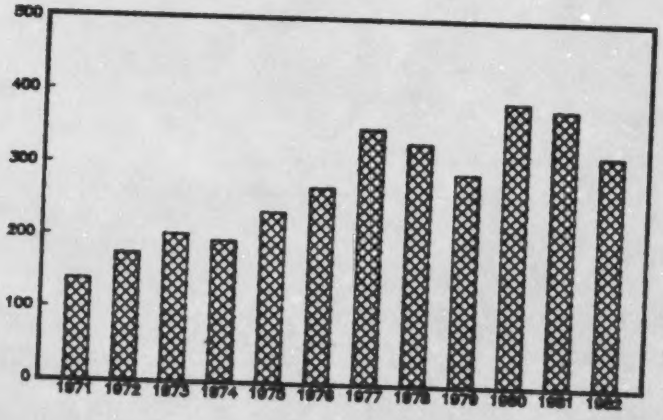


PHYSICAL SCIENCES
Master Degrees

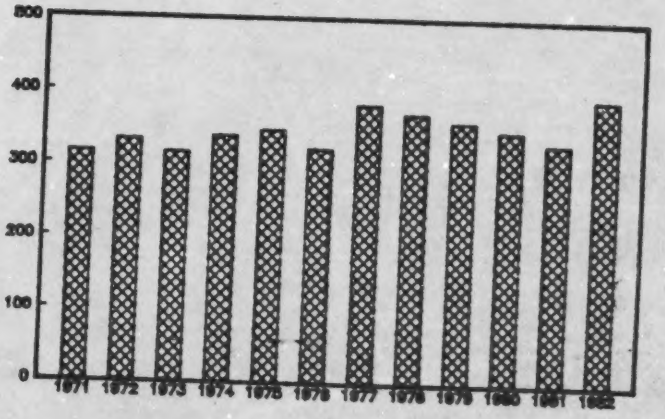
PSYCHOLOGY
Master Degrees



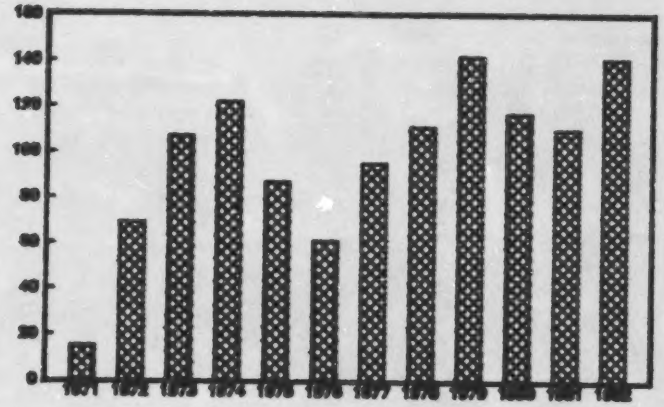
PUBLIC AFFAIRS AND SERVICES
Master Degrees



SOCIAL SCIENCES
Master Degrees



THEOLOGY
Master Degrees



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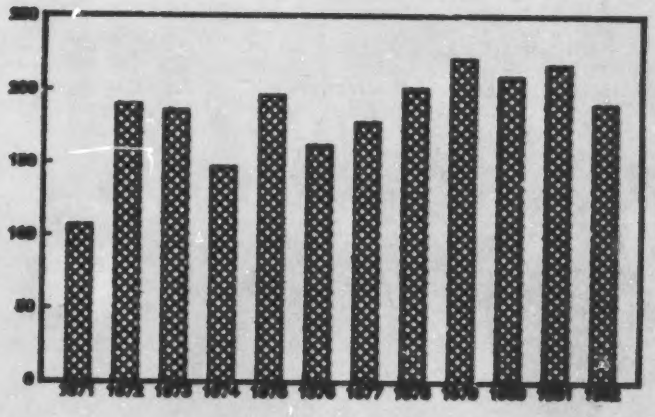
INTERDISCIPLINARY STUDIES
Master Degrees



TRENDS IN DEGREES AWARDED BY AREA

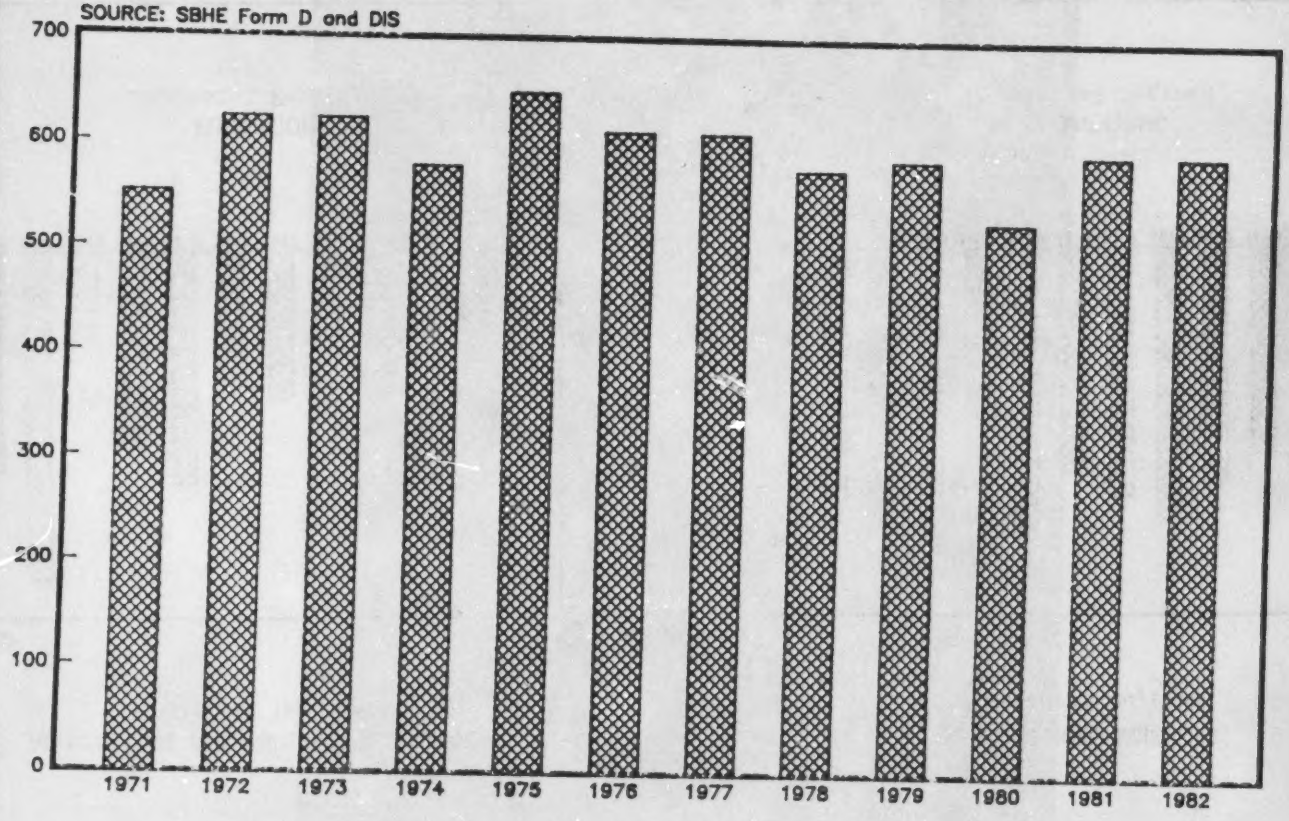
- MASTERS -

Program Area	71	72	73	74	75	76	77	78	79	80	81	82
Ag & Nat Sci	25	27	29	30	51	48	39	55	51	44	65	44
Architecture	10	5	15	23	22	9	12	19	11	10	6	6
Area Studies	22	21	19	23	25	42	29	20	8	7	8	9
Bio. Sci.	37	47	40	70	50	73	53	72	73	75	79	76
Bus & Mgmt	216	226	274	266	375	430	568	598	647	751	878	938
Communications	13	2	6	13	19	51	49	35	40	52	33	32
Comp & info Sci	2	50	44	58	58	66	64	80	96	113	128	147
Education	1389	1438	1655	1816	2180	2500	2286	2191	1887	1614	1541	1439
Engineering	129	161	167	166	185	194	156	152	153	180	181	198
Arts	72	77	66	96	104	115	113	112	120	110	131	125
Foreign Lang	61	50	30	36	32	29	45	25	29	24	17	27
Health	203	214	301	360	346	338	410	428	469	422	468	430
Home Ec	19	14	27	30	32	34	38	37	39	45	45	45
Letters	187	123	182	140	133	117	78	103	63	82	75	57
Library Sci.	167	194	193	169	240	231	199	164	146	116	99	105
Mathematics	81	83	65	60	73	56	56	59	58	45	45	39
Physical Sci	113	95	94	93	108	105	87	106	76	66	76	63
Psychology	33	81	83	97	115	126	219	256	330	285	284	249
Public Affairs	139	175	202	194	235	270	352	333	292	390	381	319
Social Sci	316	333	316	339	347	322	383	371	360	348	332	394
Theology	15	69	107	122	87	61	95	111	142	117	110	141
Interdiscipl.	107	190	186	147	196	162	178	201	221	209	217	190
Total	3356	3675	4101	4348	5013	5379	5520	5557	5315	5123	5202	5076

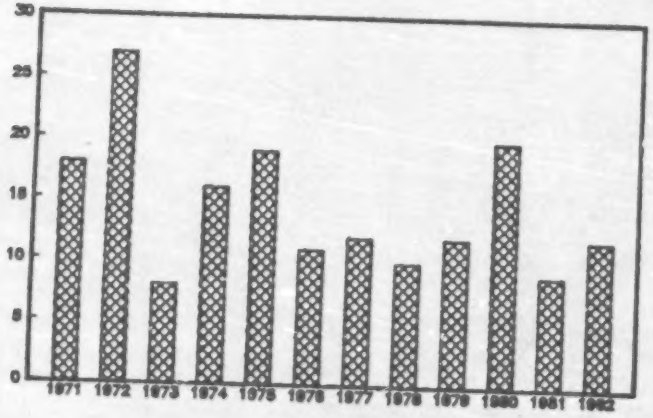
TRENDS IN DOCTORAL DEGREES

TRENDS IN DOCTORAL DEGREES

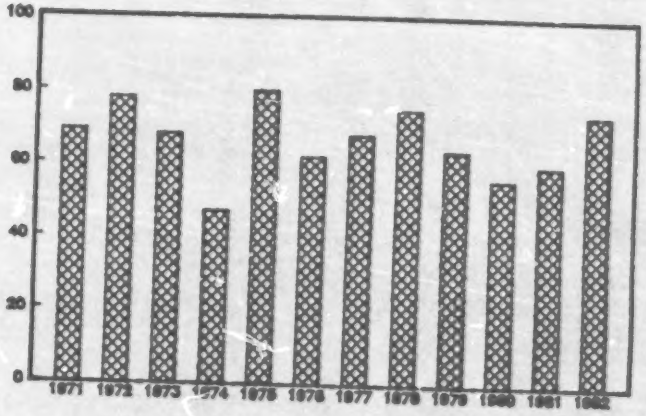
All Maryland Higher Education Institutions



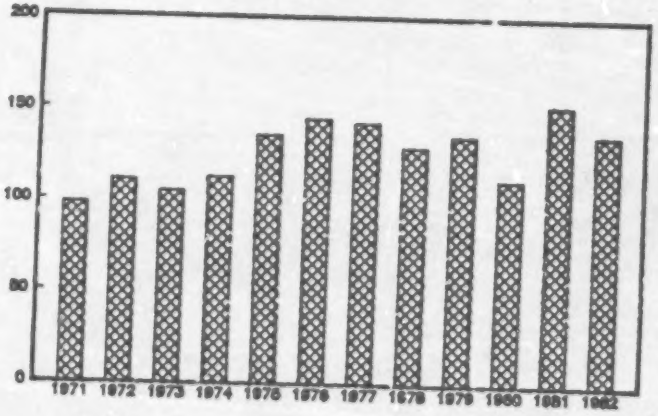
AGRICULTURE AND NATURAL RESOURCES
Doctoral Degrees



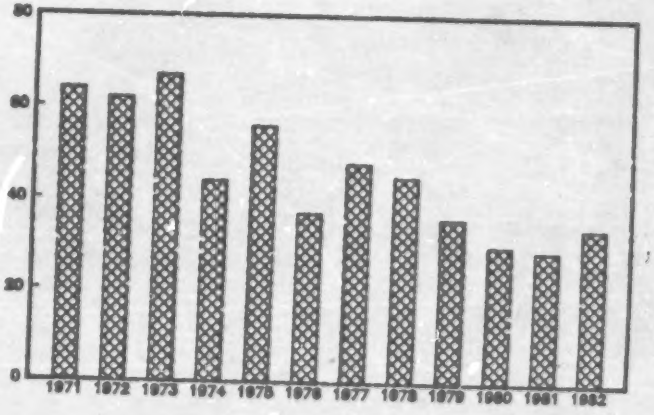
BIOLOGICAL SCIENCES
Doctoral Degrees



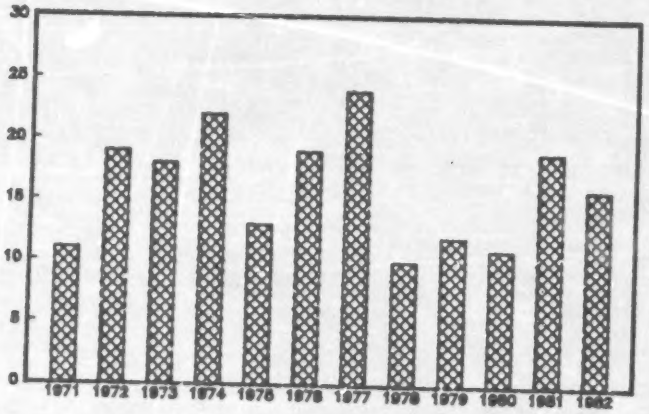
EDUCATION
Doctoral Degrees



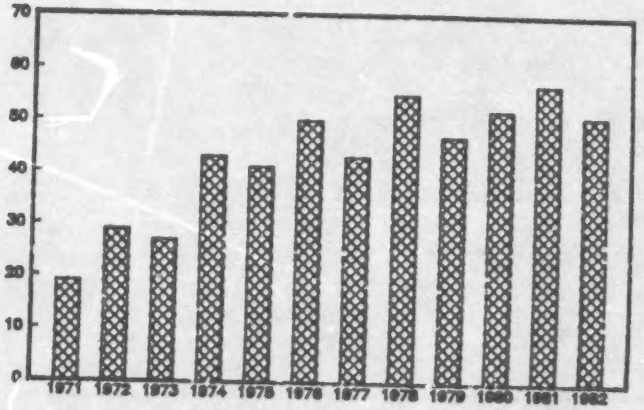
ENGINEERING
Doctoral Degrees



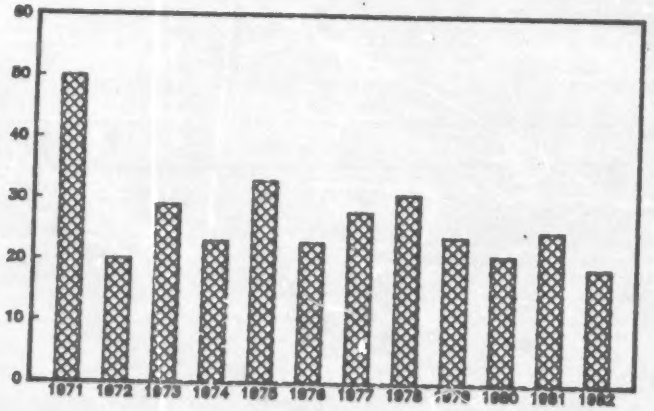
FOREIGN LANGUAGES
Doctoral Degrees



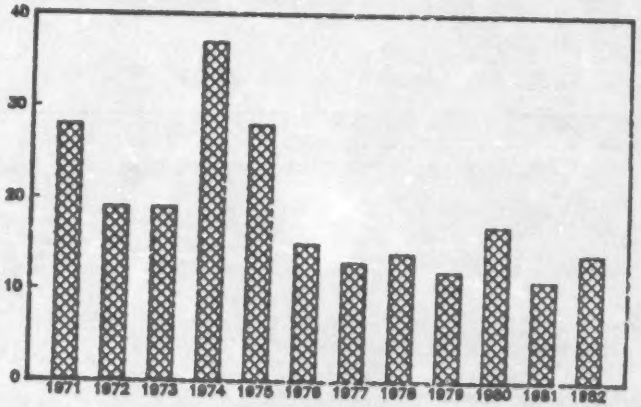
HEALTH PROFESSIONS
Doctoral Degrees



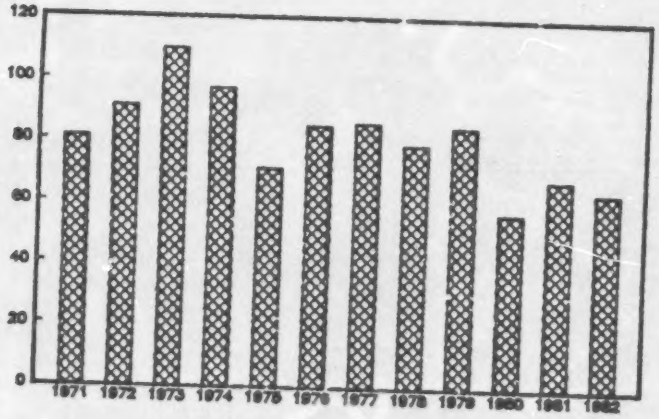
LETTERS
Doctoral Degrees



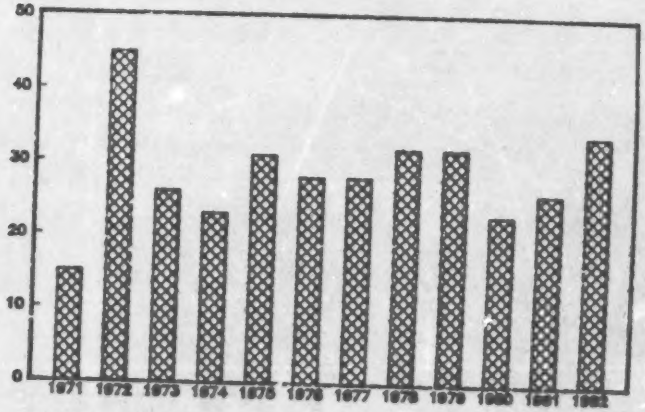
MATHEMATICS
Doctoral Degrees



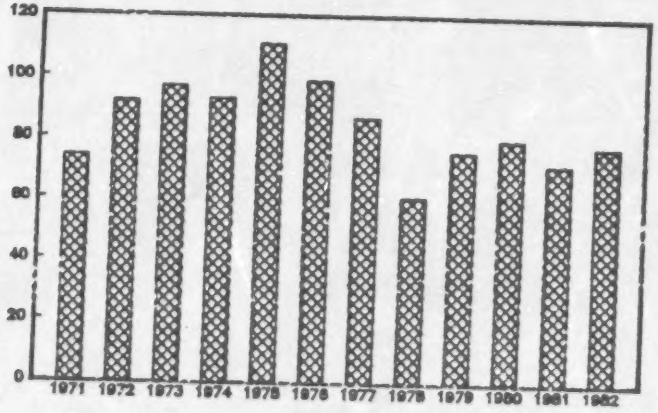
PHYSICAL SCIENCES
Doctoral Degrees



PSYCHOLOGY
Doctoral Degrees



SOCIAL SCIENCES
Doctoral Degrees



TRENDS IN DEGREES AWARDED BY AREA

- DOCTORATES -

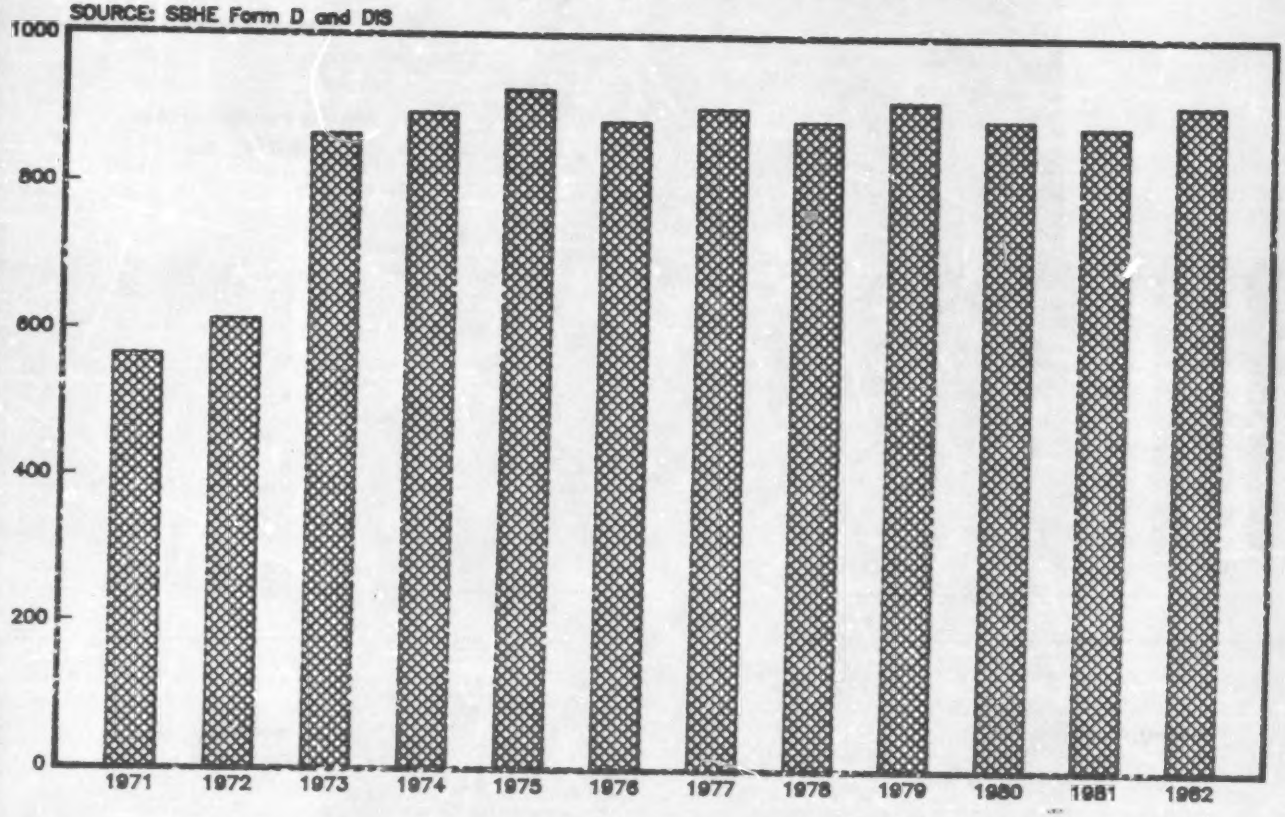
Program Area	71	72	73	74	75	76	77	78	79	80	81	82
Ag & Nat Sci	18	27	8	16	19	11	12	10	12	20	9	12
Biol. Sci.	69	78	68	47	80	62	68	75	64	56	60	74
Education	98	111	105	113	136	145	143	130	136	112	153	137
Engineering	64	62	67	44	56	37	48	45	36	30	29	34
Foreign Lang.	11	19	18	22	13	19	24	10	12	11	19	16
Health	19	29	27	43	41	50	43	55	47	52	57	51
Letters	50	20	29	23	33	23	28	31	24	21	25	19
Mathematics	28	19	19	37	28	15	13	14	12	17	11	14
Physical Sci	81	91	110	97	71	85	86	79	85	57	68	64
Psychology	15	45	26	23	31	28	28	32	32	23	26	34
Soc. Sci.	74	92	97	93	111	99	87	61	76	80	72	78
Total*	552	624	623	578	649	612	611	577	587	529	594	594

*Including Other Areas

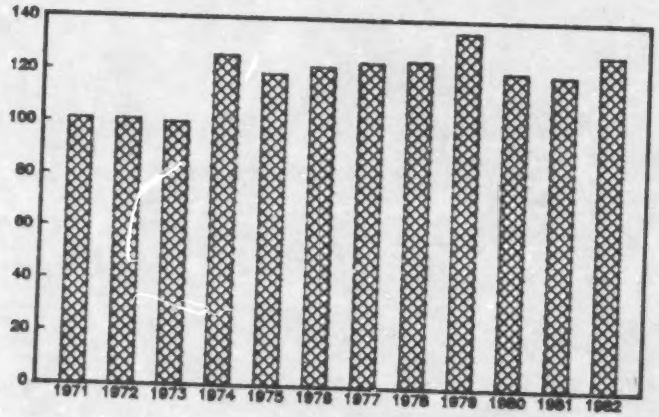
TRENDS IN FIRST-PROFESSIONAL DEGREES

TRENDS IN FIRST PROFESSIONAL DEGREES

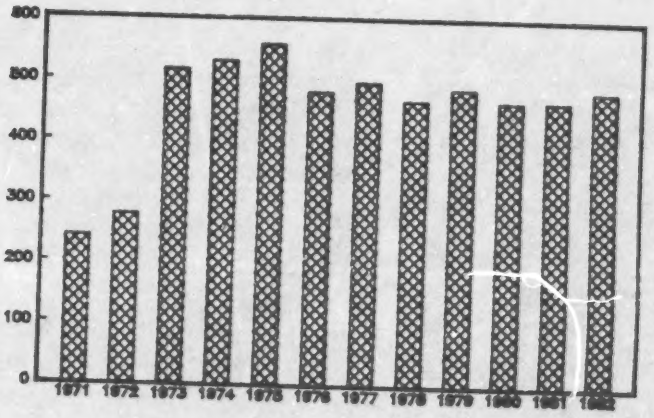
All Maryland Higher Education Institutions



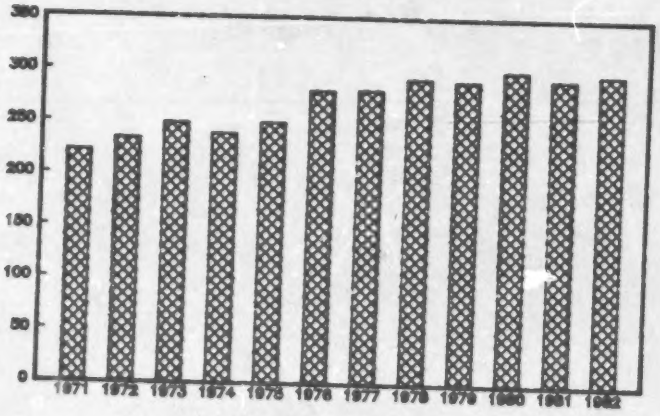
DENTISTRY
First Professional Degrees



LAW
First Professional Degrees



MEDICINE
First Professional Degrees



58

77

TRENDS IN DEGREES AWARDED BY AREA

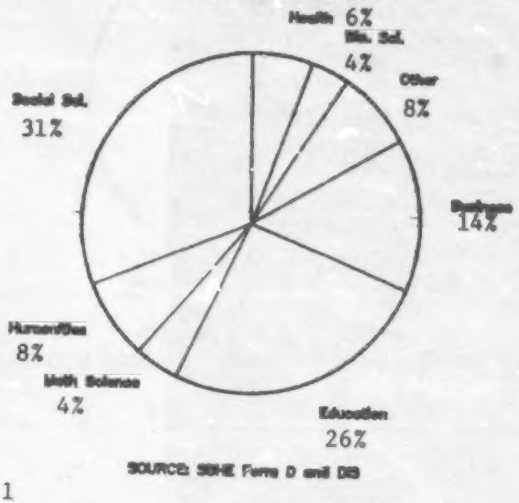
- FIRST-PROFESSIONAL -

Program Area	71	72	73	74	75	76	77	78	79	80	81	82
Dentistry	101	101	100	126	119	122	124	125	136	121	120	128
Law	242	278	517	531	559	482	498	470	488	468	469	486
Medicine (1206)	222	234	249	239	250	281	282	293	291	301	293	298
Total	565	613	866	896	928	885	904	888	915	890	882	912

TRENDS BY RACE AND SEX

BACHELORS DEGREES AWARDED TO BLACKS BY AREA [1]

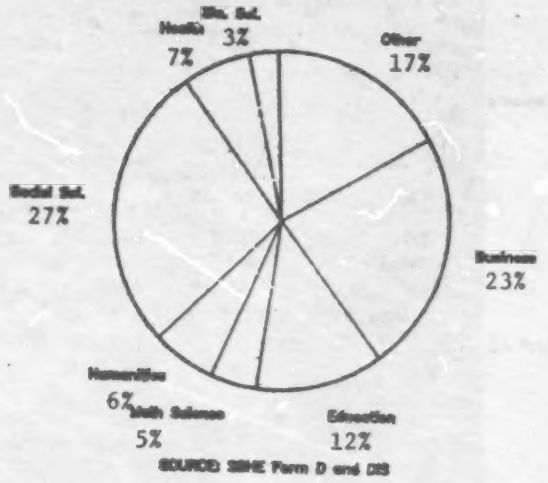
ACADEMIC YEAR 1975–1976



SOURCE: SSIHE Form D and DIS

BACHELORS DEGREES AWARDED TO BLACKS BY AREA [1]

ACADEMIC YEAR 1981–1982



SOURCE: SSIHE Form D and DIS

[1]

Humanities includes:
- Area Studies
- Communications
- Letters
- Fine Arts
- Foreign Languages

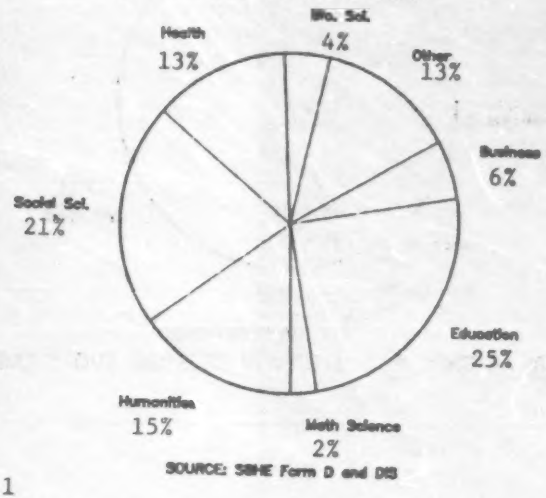
Math Science includes:
- Computer Sciences
- Engineering
- Mathematics
- Physics

Social Science includes:
- Psychology
- Social Sciences
- Public Affairs & Sciences

Other includes:
- Agriculture
- Home Economics
- Interdisciplinary
- All Other
- Unknown

BACHELORS DEGREES AWARDED TO WOMEN BY AREA [1]

ACADEMIC YEAR 1975–1976



SOURCE: SSHE Form D and DIS

[1]

Humanities includes:
- Area Studies
- Communications
- Letters
- Fine Arts
- Foreign Languages

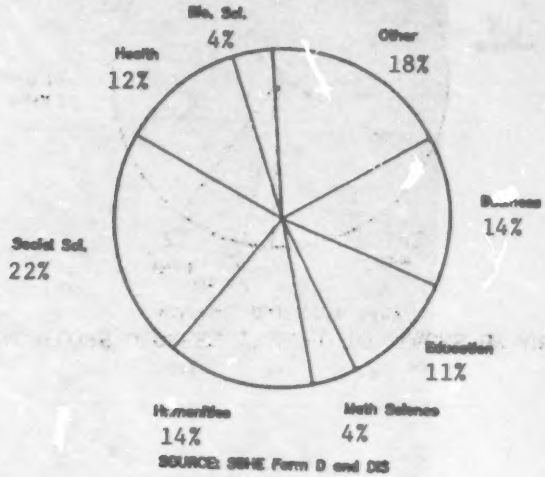
Math Science includes:
- Computer Sciences
- Engineering
- Mathematics
- Physics

Social Science includes:
- Psychology
- Social Sciences
- Public Affairs & Sciences

Other includes:
- Agriculture
- Home Economics
- Interdisciplinary
- All Other
- Unknown

BACHELORS DEGREES AWARDED TO WOMEN BY AREA [1]

ACADEMIC YEAR 1981–1982



SOURCE: SSHE Form D and DIS

NUMBER OF DEGREES AWARDED TO BLACKS AND NON-BLACKS, 1976 AND 1982

	Blacks			Non-Blacks		
	1976	1982	Pct Change	1976	1982	Pct Change
Certificates	61	152	149%	745	1156	55%
Associates	917	1101	20%	6856	6056	-12%
Bachelors	1802	1932	7%	14455	14175	-2%
Masters	672	413	-39%	4707	4663	-1%
Doctorates	20	32	60%	592	562	-5%
First Professional	47	58	23%	838	854	2%
Total	3519	3688	5%	28193	27466	-3%

NUMBER OF DEGREES AWARDED TO WOMEN AND MEN, 1976 AND 1982

	Women			Men		
	1976	1982	Pct Change	1976	1982	Pct Change
Certificates	407	721	77%	399	587	47%
Associates	3655	4418	21%	4118	2739	-34%
Bachelors	7561	8643	14%	8696	7464	-14%
Masters	2896	2818	-3%	2483	2258	-9%
Doctorates	157	248	58%	455	346	-24%
First Professional	138	255	85%	747	657	-12%
Total	14814	17103	16%	16898	14051	-17%

DISTRIBUTION OF DEGREES AWARDED BY AREA
BLACKS, WOMEN AND ALL STUDENTS
- Lower Division Certificate -

	Blacks*		Women			Total	
	76	82	76	82	71	76	82
Bus/Commerce Tech.	16.4%	19.1%	27.5%	31.1%	54.4%	22.0%	22.2%
Data Processing Tech.	16.4%	17.1%	8.8%	23.4%	19.5%	13.9%	22.8%
Health Service Tech	23.0%	23.0%	31.9%	23.0%	-	20.7%	17.0%
Engineering Tech	9.8%	17.8%	2.5%	3.3%	2.0%	11.3%	22.8%
Natural Sci Tech.	1.6%	10.5%	.7%	6.5%	2.7%	3.5%	4.5%
Public Svcs Tech.	32.8%	12.5%	28.5%	12.6%	20.1%	28.7%	10.7%
Unknown/Other	-	-	-	-	1.3%	-	-
Total	100%	100%	100%	100%	100%	100%	100%
(N)	(61)	(152)	(407)	(721)	(149)	(806)	(1308)

* Degree data by race were not available in 1971

DISTRIBUTION OF DEGREES AWARDED BY AREA
BLACKS, WOMEN AND ALL STUDENTS
- Associate Degrees -

	Blacks*		Women			Total	
	76	82	76	82	71	76	82
Bus/Commerce Tech	18.8%	25.9%	13.4%	21.8%	6.0%	10.4%	19.2%
Data Processing Tech	3.9%	5.4%	1.7%	5.0%	4.7%	2.7%	6.7%
Health Service Tech	18.0%	12.5%	32.0%	25.5%	11.1%	17.1%	17.6%
Engineering Tech	3.2%	3.9%	.4%	.7%	3.8%	3.8%	5.3%
Natural Sci Tech	.3%	.8%	.2%	.6%	.4%	-	1.0%
Public Svcs Tech	18.5%	13.8%	5.2%	8.2%	3.8%	8.2%	9.0%
Transfer/Other	37.3%	37.6%	47.1%	38.3%	70.4%	56.8%	41.2%
Total	100%	100%	100%	100%	100%	100%	100%
(N)	(917)	(1101)	(3655)	(4418)	(3290)	(7773)	(7157)

* Degree data by race were not available in 1971

DISTRIBUTION OF DEGREES AWARDED BY AREA
BLACKS, WOMEN AND ALL STUDENTS
- Bachelors Degrees -

	Blacks*		Women			Total	
	76	82	76	82	71	76	82
Agriculture/Life Scien	.2%	.4%	1.1%	1.5%	.6%	1.6%	1.8%
Architecture	.2%	.3%	.2%	.4%	-	.3%	.5%
Area Studies	.1%	.1%	.7%	.4%	.7%	.5%	.3%
Biological Sciences	3.7%	2.8%	4.4%	3.9%	4.3%	5.6%	4.3%
Business/Management	14.5%	23.0%	5.6%	14.4%	15.1%	13.2%	19.5%
Communications	1.3%	3.5%	1.6%	3.9%	.9%	1.9%	3.4%
Computer Science	.4%	.5%	.2%	1.1%	-	.6%	1.7%
Education	25.7%	12.3%	24.7%	11.1%	20.6%	14.8%	7.5%
Engineering	.4%	1.1%	.1%	.9%	4.3%	2.5%	5.0%
Fine Arts	1.7%	2.2%	5.7%	4.8%	4.0%	4.0%	3.8%
Foreign Language	.9%	.3%	1.9%	1.2%	2.1%	1.1%	.8%
Health Professions	5.8%	6.6%	12.9%	11.9%	4.0%	6.9%	7.2%
Home Economics	1.9%	1.4%	4.1%	4.7%	1.3%	2.1%	2.7%
Letters	3.8%	2.8%	5.6%	4.0%	8.2%	4.3%	3.2%
Library Science	-	-	-	-	.1%	-	-
Mathematics	2.4%	1.7%	1.5%	1.2%	2.4%	1.7%	1.4%
Military Science	-	-	-	-	.4%	.1%	-
Physical Science	.9%	1.2%	.7%	1.0%	1.8%	1.7%	1.7%
Psychology	5.0%	6.0%	7.0%	6.5%	4.4%	5.6%	4.7%
Public Administration	6.2%	7.7%	2.1%	4.2%	.3%	2.2%	3.7%
Social Science	19.5%	13.6%	12.1%	11.4%	18.1%	14.1%	12.9%
Theology	-	.6%	.3%	.3%	.4%	.6%	.7%
Interdisciplinary	5.2%	11.8%	7.6%	11.2%	5.7%	14.7%	13.0%
Total	100%	100%	100%	100%	100%	100%	100%
(N)	(1802)	(1932)	(7561)	(8643)	(13016)	(16257)	(16107)

* Degree Data by race were not available in 1971

DISTRIBUTION OF DEGREES AWARDED BY AREA
BLACKS, WOMEN AND ALL STUDENTS
- Masters Degrees -

	Blacks*		Women			Total	
	76	82	76	82	71	76	82
Agriculture/Life Sci	-	-	.5%	.4%	.7%	.9%	.9%
Architecture	-	.7%	-	-	-	-	.1%
Area Studies	-	.2%	.8%	.2%	.7%	.8%	.2%
Biological Sciences	.4%	.2%	1.2%	1.2%	1.1%	1.4%	1.5%
Business/Management	6.5%	18.6%	1.1%	10.5%	6.4%	8.0%	18.5%
Communications	.3%	-	1.0%	.6%	.4%	.9%	.6%
Computer Science	.4%	.7%	.2%	1.3%	.1%	1.2%	2.9%
Education	72.8%	43.1%	58.7%	39.3%	41.4%	46.5%	28.3%
Engineering	.1%	.7%	.2%	.6%	3.8%	3.6%	3.9%
Fine Arts	.7%	1.2%	2.1%	2.3%	2.1%	2.1%	2.5%
Foreign Language	.3%	-	.7%	.5%	1.8%	.5%	.5%
Health Professions	3.0%	5.1%	7.7%	10.6%	6.0%	6.3%	8.5%
Home Economics	.1%	.7%	1.1%	1.5%	.6%	.6%	.9%
Letters	1.2%	.2%	1.9%	1.2%	5.6%	2.2%	1.1%
Library Science	3.0%	1.7%	6.6%	3.2%	5.0%	4.3%	2.1%
Mathematics	.9%	-	.6%	.5%	2.4%	1.0%	.8%
Physical Science	.1%	-	1.0%	.2%	3.4%	2.0%	1.2%
Psychology	.6%	6.8%	1.8%	5.9%	1.0%	2.3%	4.9%
Public Administration	5.7%	11.1%	6.0%	7.9%	4.1%	5.0%	6.3%
Social Science	3.1%	6.3%	3.1%	6.2%	9.7%	6.2%	7.8%
Theology	-	.7%	-	.8%	.4%	1.1%	2.8%
Interdisciplinary	.6%	1.7%	3.8%	4.8%	3.2%	3.0%	3.8%
Total	100%	100%	100%	100%	100%	100%	100%
(N)	(672)	(413)	(2896)	(2818)	(3356)	(5379)	(5076)

* Degree data by race were not available in 1971

DISTRIBUTION OF DEGREES AWARDED BY AREA
BLACKS, WOMEN AND ALL STUDENTS
- Doctoral Degrees -

	Blacks*		Women			Total	
	76	82	76	82	71	76	82
Agriculture/Life Science	-	3.1%	.6%	1.2%	3.3%	1.8%	2.0%
Area Studies	-	-	-	1.2%	.4%	.5%	1.2%
Biological Sciences	5.0%	-	7.6%	8.5%	12.5%	10.1%	12.5%
Business/Management	-	-	-	.4%	.5%	.8%	.5%
Computer Science	-	-	-	-	-	1.1%	1.5%
Education	40.0%	53.1%	33.8%	33.5%	17.8%	23.7%	23.1%
Engineering	-	-	1.3%	1.2%	11.6%	6.0%	5.7%
Fine Arts	10.0%	-	4.5%	3.6%	2.4%	2.3%	2.2%
Foreign Language	-	-	5.1%	2.8%	2.0%	3.1%	2.7%
Health Professions	20.0%	3.1%	12.7%	10.5%	3.4%	8.2%	8.6%
Letters	-	3.1%	5.7%	5.2%	9.1%	3.8%	3.2%
Library Science	-	-	.6%	1.2%	-	.2%	.5%
Mathematics	-	-	.6%	.8%	5.1%	2.5%	2.4%
Physical Science	5.0%	6.3%	6.4%	7.3%	14.7%	13.9%	10.8%
Psychology	15.0%	15.6%	6.4%	6.9%	2.7%	4.6%	5.7%
Public Administration	5.0%	6.3%	.6%	2.4%	-	.8%	2.0%
Social Science	-	9.4%	13.4%	11.7%	13.4%	16.2%	13.1%
Theology	-	-	-	1.2%	-	.2%	2.0%
Interdisciplinary	-	-	.6%	.4%	1.3%	.3%	.3%
Total	100%	100%	100%	100%	100%	100%	100%
(N)	(20)	(32)	(157)	(248)	(552)	(612)	(594)

* Degree data by race were not available in 1971

DISTRIBUTION OF DEGREES AWARDED BY AREA
BLACKS, WOMEN AND ALL STUDENTS
- First Professional Degrees -

	Blacks*		Women			Total	
	76	82	76	82	71	76	82
Medicine	25.5%	24.1%	31.9%	19.6%	39.3%	31.8%	32.7%
Dentistry	19.1%	10.3%	5.1%	8.6%	17.9%	13.8%	14.0%
Law	55.3%	65.5%	63.0%	71.8%	42.8%	54.5%	53.3%
Total	100%	100%	100%	100%	100%	100%	100%
(N)	(47)	(58)	(138)	(255)	(565)	(885)	(912)

* Degree data by race were not available in 1971